

SCORE Search Results Details for Application 10516759 and Search Result 20101117\_144529\_us-10-516-759a-14\_copy\_24\_81.ra

<a href="#">Score Home</a>	<a href="#">Retrieve Application</a>	<a href="#">SCORE System</a>	<a href="#">SCORE</a>	<a href="#">Comments /</a>
<a href="#">Page</a>	<a href="#">List</a>	<a href="#">Overview</a>	<a href="#">FAQ</a>	<a href="#">Suggestions</a>

This page gives you Search Results detail for the Application 10516759 and Search Result 20101117\_144529\_us-10-516-759a-14\_copy\_24\_81.ra

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OM protein - protein search, using sw model

Run on: November 17, 2010, 15:03:21 ; Search time 16 Seconds  
(without alignments)  
1034.804 Million cell updates/sec

Title: US-10-516-759A-14\_COPY\_24\_81  
Perfect score: 350  
Sequence: 1 DIKHNRPRRDCVAEGKVCDP.....RNYSRGGVCVTHCNFLNGEP 58

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1668452 seqs, 279819459 residues

Total number of hits satisfying chosen parameters: 1668452

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 150 summaries

Database : Issued\_Patents\_AA:\*  
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3: /ABSS/Data/CRF/ptodata/2/iaa/7\_COMB.pep:\*  
4: /ABSS/Data/CRF/ptodata/2/iaa/H\_COMB.pep:\*  
5: /ABSS/Data/CRF/ptodata/2/iaa/PCTUS\_COMB.pep:\*  
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7: /ABSS/Data/CRF/ptodata/2/iaa/backfiles1.pep:\*

SUMMARIES

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3	350	100.0	1342	1	US-08-484-438-9		Sequence 9, Appli

4	350	100.0	1342	1	US-08-473-119-4	Sequence 4, Appli
5	350	100.0	1342	1	US-08-475-352-4	Sequence 4, Appli
6	350	100.0	1342	2	US-09-170-699-4	Sequence 4, Appli
7	350	100.0	1342	3	US-10-207-498-2	Sequence 2, Appli
8	350	100.0	1342	3	US-11-406-679-2	Sequence 2, Appli
9	350	100.0	1342	3	US-10-503-486-6	Sequence 6, Appli
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19	212	60.6	615	3	US-10-362-380-4	Sequence 4, Appli
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## ALIGNMENTS

## RESULT 1

US-11-209-187-3

; Sequence 3, Application US/11209187

; Patent No. 7449559

; GENERAL INFORMATION:

; APPLICANT: CSIRO Molecular and Health Technologies

; TITLE OF INVENTION: Truncated EGF Receptor

; FILE REFERENCE: 502897

; CURRENT APPLICATION NUMBER: US/11/209,187

; CURRENT FILING DATE: 2007-08-08

; NUMBER OF SEQ ID NOS: 4

; SOFTWARE: PatentIn version 3.3

; SEQ ID NO 3

; LENGTH: 624

; TYPE: PRT

; ORGANISM: Homo sapiens

US-11-209-187-3

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Best Local Similarity 100.0%;  
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 2

US-07-978-895-4

; Sequence 4, Application US/07978895

; Patent No. 5480968

; GENERAL INFORMATION:

; APPLICANT: Kraus, Matthias H.

; APPLICANT: Aaronson, Stuart A.

; TITLE OF INVENTION: AN ISOLATED POLYPEPTIDE RELATED TO THE

; TITLE OF INVENTION: EPIDERMAL GROWTH FACTOR RECEPTOR, ANTIGEN THERETO, AND

; TITLE OF INVENTION: BIOASSAYS AND METHODS RELATED THERETO

; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Suite 400

; STREET: 133 Carnegie Way, N.W.

; CITY: Atlanta

; STATE: Georgia

; COUNTRY: U.S.A.

; ZIP: 30303

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/07/978,895

; FILING DATE: 19921110

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/444,406

; FILING DATE: 01-DEC-1989

; ATTORNEY/AGENT INFORMATION:

; NAME: Perryman, David G.

; REGISTRATION NUMBER: 33,438

; REFERENCE/DOCKET NUMBER: 1414-028

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (404) 688-0770

; TELEFAX: (404) 688-9880

; INFORMATION FOR SEQ ID NO: 4:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 1342 amino acids

; TYPE: AMINO ACID

; TOPOLOGY: linear

; MOLECULE TYPE: protein

US-07-978-895-4

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Best Local Similarity 100.0%;

Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 3

US-08-484-438-9

; Sequence 9, Application US/08484438

; Patent No. 5811098

; Patent No. 5811098 5780031

; GENERAL INFORMATION:

; APPLICANT: Plowman, Gregory D.

; APPLICANT: Culouscou, Jean-Michel

; APPLICANT: Shoyab, Mohammed

; APPLICANT: Siegall, Clay B.

; APPLICANT: Hellstr m, Ingegerd

; APPLICANT: Hellstr m, Karl E.

; TITLE OF INVENTION: HER4 HUMAN RECEPTOR TYROSINE KINASE

; NUMBER OF SEQUENCES: 42

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Pennie & Edmonds

; STREET: 1155 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: U.S.A.

; ZIP: 10036-2711

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/484,438

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 530

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/323,442

; FILING DATE: 14-OCT-1994

; APPLICATION NUMBER: US 08/150,704

; FILING DATE: 10-NOV-1993

; CLASSIFICATION: 530

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/981,165

; FILING DATE: 24-NOV-1992

; CLASSIFICATION: 530

; ATTORNEY/AGENT INFORMATION:

; NAME: Misrock, S. Leslie

; REGISTRATION NUMBER: 18,872

; REFERENCE/DOCKET NUMBER: 5624-230

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 790-9090

; TELEFAX: (212) 869-8864/9741

; TELEX: 66141 PENNIE

; INFORMATION FOR SEQ ID NO: 9:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 1342 amino acids

; TYPE: amino acid

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Best Local Similarity 100.0%;
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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 Db 483 DIKHNRRPRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 540

## RESULT 4

US-08-473-119-4

; Sequence 4, Application US/08473119

; Patent No. 5820859

## ; GENERAL INFORMATION:

; APPLICANT: Kraus, Matthias H.

; APPLICANT: Aaronson, Stuart A.

; TITLE OF INVENTION: AN ISOLATED POLYPEPTIDE RELATED TO THE

; TITLE OF INVENTION: EPIDERMAL GROWTH FACTOR RECEPTOR, ANTIGEN THERETO, AND

; TITLE OF INVENTION: BIOASSAYS AND METHODS RELATED THERETO

; NUMBER OF SEQUENCES: 12

## ; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Suite 400

STREET: 133 Carnegie Way, N.W.

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;      CITY:  Atlanta
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; STATE: Georgia

; COUNTRY: U.S.A.

; ZIP: 30303

; COMPUTER READABLE FORM:

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;          MEDIUM TYPE:  Floppy disk

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;      COMPUTER:  IBM PC compatible
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;      OPERATING SYSTEM:  PC-DOS/MS-DOS
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; SOFTWARE: PatentIn Release #1.0, Version #1.25
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; CURRENT APPLICATION DATA:
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; APPLICATION NUMBER: US/08/473,119

FILING DATE: 07-JUN-1995

CLASSIFICATION: 424

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; PRIOR APPLICATION DATA:
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APPLICATION NUMBER: 07/978,895

; FILING DATE: 10-NOV-1992

; APPLICATION NUMBER: US 07/444,406

; FILING DATE: 01-DEC-1989

## ; ATTORNEY/AGENT INFORMATION:

; NAME: Perryman, David G.

; REGISTRATION NUMBER: 33,438

REFERENCE/DOCKET NUMBER: 1414-028

## ; TELECOMMUNICATION INFORMATION:

TELEPHONE: (404) 688-0770

; TELEFAX: (404) 688-9880

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; INFORMATION FOR SEQ ID NO: 4:
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; SEQUENCE CHARACTERISTICS:

; LENGTH: 1342 amino acids

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;      TYPE:  amino acid
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Db          483 DIKHNRRPRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNG 538
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RESULT 16

US-12-144-166-2

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; Sequence 2, Application US/12144166
; Patent No. 7638303
; GENERAL INFORMATION:
; APPLICANT: Maihle, Nita
; APPLICANT: Lee, Hakjoo
; TITLE OF INVENTION: System and Method to Inhibit Heregulin Activated Processes and
; TITLE OF INVENTION: Other Methods Using Soluble ErbB3 and Method to Produce Soluble
; TITLE OF INVENTION: ErbB3
; FILE REFERENCE: 01-03Maihle
; CURRENT APPLICATION NUMBER: US/12/144,166
; CURRENT FILING DATE: 2008-06-23
; PRIOR APPLICATION NUMBER: US/10/159,353B
; PRIOR FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: US 09/676,380
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 562
; TYPE: PRT
; ORGANISM: Homo sapiens
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US-12-144-166-2

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Query Match          96.6%;  Score 338;  DB 3;  Length 562;
Best Local Similarity    100.0%;
Matches    56;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy          1 DIKHNRRPRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNG 56
            |||
Db          483 DIKHNRRPRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNG 538
```

RESULT 17

US-10-119-288A-41

```
; Sequence 41, Application US/10119288A
; Patent No. 7638598
; GENERAL INFORMATION:
; APPLICANT: Greene, Mark
; APPLICANT: Zhang, Hongtao
; APPLICANT: Murali, Ramachandran
; APPLICANT: Richter, Mark
; APPLICANT: Berezov, Alan
; APPLICANT: Liu, Qingdu
; APPLICANT: Chen, Jinqui
; TITLE OF INVENTION: ErbB INTERFACE PEPTIDOMIMETICS AND METHODS OF USE THEREOF
; FILE REFERENCE: 4040/1K397-US1
; CURRENT APPLICATION NUMBER: US/10/119,288A
```

```
Query Match          75.7%;  Score 265;  DB 3;  Length 147;
Best Local Similarity 100.0%;
Matches  43;  Conservative  0;  Mismatches  0;  Indels  0;  Gaps  0;
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Qy            16 KVCDDLPLCSSGGCWWGPGPGQCLSCRNYSRGGVGVTHCNFLNGEP    58  
             |||||

Db            1 KVCDDLPLCSSGGCWWGPGPGQCLSCRNYSRGGVGVTHCNFLNGEP    43

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; Sequence 41, Application US/10213292
; Patent No. 7662374
; GENERAL INFORMATION:
; APPLICANT: Greene, Mark I.
; APPLICANT: Zhang, Hongtao
; APPLICANT: Richter, Mark
; APPLICANT: Murali, Ramachandran
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES TO ACTIVATED erbB FAMILY MEMBERS
; TITLE OF INVENTION: AND METHODS OF USE
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 4040/1K396-US1
; CURRENT APPLICATION NUMBER: US/10/213,292
; CURRENT FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: US 60/309,864
; PRIOR FILING DATE: 2001-08-03
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 41
; LENGTH: 147
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-213-292-41
```

```
Query Match      75.7%;  Score 265;  DB 3;  Length 147;
Best Local Similarity 100.0%;
Matches 43; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy            16 KVC DPLCSSGGCWGPGPGQC LSCRNYSRG GVCVTHCNFLNGEP    58  
             | | | | | | | | | | | | | | | | | | | | | | | | | | | |  
Db            1 KVC DPLCSSGGCWGPGPGQC LSCRNYSRG GVCVTHCNFLNGEP    43

http://es/ScoreAccessWeb/GetItem.action?AppId=10516...0-516-759a-14\_copy\_24\_81.rai&ItemType=4&startByte=0 (16 of 109)11/20/2010 6:24:08 PM



US-10-362-380-4  
; Sequence 4, Application US/10362380  
; Patent No. 7332579  
; GENERAL INFORMATION:  
; APPLICANT: GENENTECH, INC.  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Sliwkowski, Mark X.  
; TITLE OF INVENTION: ErbB4 ANTAGONISTS  
; FILE REFERENCE: 39766-0072 US  
; CURRENT APPLICATION NUMBER: US/10/362,380  
; CURRENT FILING DATE: 2003-08-06  
; PRIOR APPLICATION NUMBER: 60/229,679  
; PRIOR FILING DATE: 2000-09-01  
; PRIOR APPLICATION NUMBER: 60/265,516  
; PRIOR FILING DATE: 2001-01-31  
; PRIOR APPLICATION NUMBER: 09/940,101  
; PRIOR FILING DATE: 2001-08-27  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 4  
; LENGTH: 615  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-362-380-4

Query Match 60.6%; Score 212; DB 3; Length 615;  
Best Local Similarity 60.7%;  
Matches 34; Conservative 7; Mismatches 15; Indels 0; Gaps 0;  
  
Qy 2 IKHNRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGE 57  
|: || :| ||| ||: |||| ||||| ||||| :||| :|: || :||  
Db 462 IRDNRKAENCTAEGMVCNHLCSSDGCWGPDPQCLSCRFSRGRICIESCNLYDGE 517

RESULT 20  
US-11-209-187-4  
; Sequence 4, Application US/11209187  
; Patent No. 7449559  
; GENERAL INFORMATION:  
; APPLICANT: CSIRO Molecular and Health Technologies  
; TITLE OF INVENTION: Truncated EGF Receptor  
; FILE REFERENCE: 502897  
; CURRENT APPLICATION NUMBER: US/11/209,187  
; CURRENT FILING DATE: 2007-08-08  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 4  
; LENGTH: 626  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-209-187-4

Query Match 60.6%; Score 212; DB 3; Length 626;  
Best Local Similarity 60.7%;  
Matches 34; Conservative 7; Mismatches 15; Indels 0; Gaps 0;  
  
Qy 2 IKHNRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGE 57

Db 462 IRDNRKAENCTAEGMVCNHLCSDDGCGPGDPQCLSCRRFSRGRICIESCNLYDGE 517

## RESULT 21

US-08-484-438-10

; Sequence 10, Application US/08484438

; Patent No. 5811098

; Patent No. 5811098 5780031

; GENERAL INFORMATION:

; APPLICANT: Plowman, Gregory D.

; APPLICANT: Culouscou, Jean-Michel

; APPLICANT: Shoyab, Mohammed

; APPLICANT: Siegall, Clay B.

; APPLICANT: Hellstr m, Ingegerd

; APPLICANT: Hellstr m, Karl E.

; TITLE OF INVENTION: HER4 HUMAN RECEPTOR TYROSINE KINASE

; NUMBER OF SEQUENCES: 42

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Pennie &amp; Edmonds

; STREET: 1155 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: U.S.A.

; ZIP: 10036-2711

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/484,438

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 530

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/323,442

; FILING DATE: 14-OCT-1994

; APPLICATION NUMBER: US 08/150,704

; FILING DATE: 10-NOV-1993

; CLASSIFICATION: 530

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/981,165

; FILING DATE: 24-NOV-1992

; CLASSIFICATION: 530

; ATTORNEY/AGENT INFORMATION:

; NAME: Misrock, S. Leslie

; REGISTRATION NUMBER: 18,872

; REFERENCE/DOCKET NUMBER: 5624-230

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 790-9090

; TELEFAX: (212) 869-8864/9741

; TELEX: 66141 PENNIE

; INFORMATION FOR SEQ ID NO: 10:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 911 amino acids

; TYPE: amino acid

; STRANDEDNESS: unknown

; TOPOLOGY: unknown  
 ; MOLECULE TYPE: protein  
 US-08-484-438-10

Query Match 60.6%; Score 212; DB 1; Length 911;  
 Best Local Similarity 60.7%;  
 Matches 34; Conservative 7; Mismatches 15; Indels 0; Gaps 0;

Qy 2 IKHNRPRRDCVAEGKVC DPLCSSGGCWGP GPGQCLSCRNYSRGGVCVTHCNFLNGE 57  
 |: || :| ||| ||: |||| ||||| ||||| :||| :|: || :||  
 Db 487 IRDNRKAENCTAEGMVCNHL CSSDGCWGP GPDQCLSCRFRSRGRICIESCNLYDGE 542

RESULT 22

US-08-484-438-4

; Sequence 4, Application US/08484438  
 ; Patent No. 5811098  
 ; Patent No. 5811098 5780031

; GENERAL INFORMATION:

; APPLICANT: Plowman, Gregory D.  
 ; APPLICANT: Culouscou, Jean-Michel  
 ; APPLICANT: Shoyab, Mohammed  
 ; APPLICANT: Siegall, Clay B.  
 ; APPLICANT: Hellstr m, Ingegerd  
 ; APPLICANT: Hellstr m, Karl E.

; TITLE OF INVENTION: HER4 HUMAN RECEPTOR TYROSINE KINASE  
 ; NUMBER OF SEQUENCES: 42

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Pennie & Edmonds  
 ; STREET: 1155 Avenue of the Americas  
 ; CITY: New York  
 ; STATE: New York  
 ; COUNTRY: U.S.A.  
 ; ZIP: 10036-2711

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk  
 ; COMPUTER: IBM PC compatible  
 ; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/484,438  
 ; FILING DATE: 07-JUN-1995  
 ; CLASSIFICATION: 530

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/323,442  
 ; FILING DATE: 14-OCT-1994  
 ; APPLICATION NUMBER: US 08/150,704  
 ; FILING DATE: 10-NOV-1993  
 ; CLASSIFICATION: 530

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/981,165  
 ; FILING DATE: 24-NOV-1992  
 ; CLASSIFICATION: 530

; ATTORNEY/AGENT INFORMATION:

; NAME: Misrock, S. Leslie  
 ; REGISTRATION NUMBER: 18,872  
 ; REFERENCE/DOCKET NUMBER: 5624-230

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-8864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1058 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-484-438-4

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```

Query Match          60.6%;  Score 212;  DB 1;  Length 1058;
Best Local Similarity 60.7%;
Matches 34;  Conservative 7;  Mismatches 15;  Indels 0;  Gaps 0;

```

```

Qy      2 IKHNRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGE 57
      |: ||  :| ||| ||: |||| ||||| ||||| :||| :|: ||  :||
Db      487 IRDNRKAENCTAEGMVCNHLCSSDGCWGP GPDQCLSCRFSRGRICIESCNLYDGE 542

```

```

RESULT 23
US-08-484-438-2
; Sequence 2, Application US/08484438
; Patent No. 5811098
; Patent No. 5811098 5780031
; GENERAL INFORMATION:
; APPLICANT: Plowman, Gregory D.
; APPLICANT: Culouscou, Jean-Michel
; APPLICANT: Shoyab, Mohammed
; APPLICANT: Siegall, Clay B.
; APPLICANT: Hellstr m, Ingegerd
; APPLICANT: Hellstr m, Karl E.
; TITLE OF INVENTION: HER4 HUMAN RECEPTOR TYROSINE KINASE
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/484,438
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/323,442
; FILING DATE: 14-OCT-1994
; APPLICATION NUMBER: US 08/150,704
; FILING DATE: 10-NOV-1993
; CLASSIFICATION: 530

```

; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/981,165  
; FILING DATE: 24-NOV-1992  
; CLASSIFICATION: 530  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Misrock, S. Leslie  
; REGISTRATION NUMBER: 18,872  
; REFERENCE/DOCKET NUMBER: 5624-230  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 790-9090  
; TELEFAX: (212) 869-8864/9741  
; TELEX: 66141 PENNIE  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1308 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-484-438-2

Query Match 60.6%; Score 212; DB 1; Length 1308;  
Best Local Similarity 60.7%;  
Matches 34; Conservative 7; Mismatches 15; Indels 0; Gaps 0;

Qy 2 IKHNRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGE 57  
|: || |:| ||| ||: |||| ||||| ||||| :||| |: || :||  
Db 487 IRDNRKAENCTAEGMVCNHLCSSDGCWGPDPDQCLSCRFRSRGRICIESCNLYDGE 542

RESULT 24  
US-10-394-322A-18  
; Sequence 18, Application US/10394322A  
; Patent No. 7202033  
; GENERAL INFORMATION:  
; APPLICANT: SUNESIS PHARMACEUTICALS, INC.  
; APPLICANT: Prescott, John C.  
; TITLE OF INVENTION: IDENTIFICATION OF KINASE INHIBITORS  
; FILE REFERENCE: 39750-0006 US  
; CURRENT APPLICATION NUMBER: US/10/394,322A  
; CURRENT FILING DATE: 2003-03-20  
; PRIOR APPLICATION NUMBER: US 60/366,892  
; PRIOR FILING DATE: 2002-03-21  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 18  
; LENGTH: 1308  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-394-322A-18

Query Match 60.6%; Score 212; DB 3; Length 1308;  
Best Local Similarity 60.7%;  
Matches 34; Conservative 7; Mismatches 15; Indels 0; Gaps 0;

Qy 2 IKHNRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGE 57  
|: || |:| ||| ||: |||| ||||| ||||| :||| |: || :||  
Db 487 IRDNRKAENCTAEGMVCNHLCSSDGCWGPDPDQCLSCRFRSRGRICIESCNLYDGE 542

RESULT 25

US-10-362-380-2  
; Sequence 2, Application US/10362380  
; Patent No. 7332579  
; GENERAL INFORMATION:  
; APPLICANT: GENENTECH, INC.  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Sliwkowski, Mark X.  
; TITLE OF INVENTION: ErbB4 ANTAGONISTS  
; FILE REFERENCE: 39766-0072 US  
; CURRENT APPLICATION NUMBER: US/10/362,380  
; CURRENT FILING DATE: 2003-08-06  
; PRIOR APPLICATION NUMBER: 60/229,679  
; PRIOR FILING DATE: 2000-09-01  
; PRIOR APPLICATION NUMBER: 60/265,516  
; PRIOR FILING DATE: 2001-01-31  
; PRIOR APPLICATION NUMBER: 09/940,101  
; PRIOR FILING DATE: 2001-08-27  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 2  
; LENGTH: 1308  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-362-380-2

Query Match 60.6%; Score 212; DB 3; Length 1308;  
Best Local Similarity 60.7%;  
Matches 34; Conservative 7; Mismatches 15; Indels 0; Gaps 0;

Qy 2 IKHNRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGE 57  
|: || :| ||| ||: |||| ||||| ||||| :||| :|: || :||  
Db 487 IRDNRKAENCTAEGMVCNHLCSSDGCWGPGPDQCLSCRFRFSRGRICIESCNLYDGE 542

RESULT 26

US-10-503-486-7  
; Sequence 7, Application US/10503486  
; Patent No. 7514240  
; GENERAL INFORMATION:  
; APPLICANT: Japan Science and Technology Corporation  
; APPLICANT: Riken  
; APPLICANT: Mochida Pharmaceutical CO., LTD.  
; TITLE OF INVENTION: EGF/EGFR Complex  
; FILE REFERENCE: PH-1639-PCT  
; CURRENT APPLICATION NUMBER: US/10/503,486  
; CURRENT FILING DATE: 2004-08-05  
; PRIOR APPLICATION NUMBER: JP 2002-28780  
; PRIOR FILING DATE: 2002-02-05  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 7  
; LENGTH: 1308  
; TYPE: PRT  
; ORGANISM: Homo sapiens

US-10-503-486-7

Query Match 60.6%; Score 212; DB 3; Length 1308;  
Best Local Similarity 60.7%;  
Matches 34; Conservative 7; Mismatches 15; Indels 0; Gaps 0;

Qy 2 IKHNRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGE 57  
|: || :| ||| ||: |||| ||||| ||||| :||| :|: || :||  
Db 487 IRDNRKAENCTAEGMVCNHLCSSDGCWGPDPQCLSCRFSRGRICIESCNLYDGE 542

RESULT 27  
US-11-209-187-1  
; Sequence 1, Application US/11209187  
; Patent No. 7449559  
; GENERAL INFORMATION:  
; APPLICANT: CSIRO Molecular and Health Technologies  
; TITLE OF INVENTION: Truncated EGF Receptor  
; FILE REFERENCE: 502897  
; CURRENT APPLICATION NUMBER: US/11/209,187  
; CURRENT FILING DATE: 2007-08-08  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 1  
; LENGTH: 621  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-209-187-1

Query Match 52.9%; Score 185; DB 3; Length 621;  
Best Local Similarity 59.3%;  
Matches 32; Conservative 2; Mismatches 20; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
|| | | |:|| ||| |||| | |:|||| ||| || || | |||  
Db 469 NRGENSCKATGQVCHALCSPEGCWGPEPRDCVSCRNVSRGRECVDKCNLLEGEP 522

RESULT 28  
US-11-431-820A-1  
; Sequence 1, Application US/11431820A  
; Patent No. 7622273  
; GENERAL INFORMATION:  
; APPLICANT: GIBBS, Bernard  
; TITLE OF INVENTION: COMPLETE CHEMICAL AND ENZYMATIC TREATMENT OF PHOSPHORYLATED AND  
; TITLE OF INVENTION: GLYCOSYLATED PROTEINS ON PROTEIN CHIP ARRAYS  
; FILE REFERENCE: 14237.6  
; CURRENT APPLICATION NUMBER: US/11/431,820A  
; CURRENT FILING DATE: 2006-05-11  
; PRIOR APPLICATION NUMBER: 60/679,644  
; PRIOR FILING DATE: 2005-05-11  
; PRIOR APPLICATION NUMBER: 60/679,974  
; PRIOR FILING DATE: 2005-05-12  
; NUMBER OF SEQ ID NOS: 5  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 1  
; LENGTH: 621

; TYPE: PRT  
; ORGANISM: Homo sapiens (EGFRED)  
US-11-431-820A-1

Query Match 52.9%; Score 185; DB 3; Length 621;  
Best Local Similarity 59.3%;  
Matches 32; Conservative 2; Mismatches 20; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
|| | | |:|| ||| |||| | |:|||| ||| || | |||  
Db 469 NRGENSCKATGQVCHALCSPEGCGWPEPRDCVSCRNVSRGRECVDKCNLLEGE 522

RESULT 29  
US-10-503-486-1  
; Sequence 1, Application US/10503486  
; Patent No. 7514240  
; GENERAL INFORMATION:  
; APPLICANT: Japan Science and Technology Corporation  
; APPLICANT: Riken  
; APPLICANT: Mochida Pharmaceutical CO., LTD.  
; TITLE OF INVENTION: EGF/EGFR Complex  
; FILE REFERENCE: PH-1639-PCT  
; CURRENT APPLICATION NUMBER: US/10/503,486  
; CURRENT FILING DATE: 2004-08-05  
; PRIOR APPLICATION NUMBER: JP 2002-28780  
; PRIOR FILING DATE: 2002-02-05  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 1  
; LENGTH: 633  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide  
US-10-503-486-1

Query Match 52.9%; Score 185; DB 3; Length 633;  
Best Local Similarity 59.3%;  
Matches 32; Conservative 2; Mismatches 20; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
|| | | |:|| ||| |||| | |:|||| ||| || | |||  
Db 469 NRGENSCKATGQVCHALCSPEGCGWPEPRDCVSCRNVSRGRECVDKCNLLEGE 522

RESULT 30  
US-11-878-050-436  
; Sequence 436, Application US/11878050  
; Patent No. 7608413  
; GENERAL INFORMATION:  
; APPLICANT: JOSELOFF, Elizabeth et al.  
; TITLE OF INVENTION: KIDNEY DISEASE TARGETS AND USES THEREOF  
; FILE REFERENCE: CL001591ORD  
; CURRENT APPLICATION NUMBER: US/11/878,050  
; CURRENT FILING DATE: 2007-10-03  
; NUMBER OF SEQ ID NOS: 6044



; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 436  
; LENGTH: 657  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-878-050-436

Query Match 52.9%; Score 185; DB 3; Length 657;  
Best Local Similarity 59.3%;  
Matches 32; Conservative 2; Mismatches 20; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
|| | | |:|| ||| |||| | |:|||| ||| || | |||  
Db 493 NRGENSCKATGQVCHALCSPEGCWGPEPRDCVSCRNVSRGRECVDKCNLLEGE 546

RESULT 31

US-11-878-050-437  
; Sequence 437, Application US/11878050  
; Patent No. 7608413  
; GENERAL INFORMATION:  
; APPLICANT: JOSELOFF, Elizabeth et al.  
; TITLE OF INVENTION: KIDNEY DISEASE TARGETS AND USES THEREOF  
; FILE REFERENCE: CL001591ORD  
; CURRENT APPLICATION NUMBER: US/11/878,050  
; CURRENT FILING DATE: 2007-10-03  
; NUMBER OF SEQ ID NOS: 6044  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 437  
; LENGTH: 705  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-878-050-437

Query Match 52.9%; Score 185; DB 3; Length 705;  
Best Local Similarity 59.3%;  
Matches 32; Conservative 2; Mismatches 20; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
|| | | |:|| ||| |||| | |:|||| ||| || | |||  
Db 493 NRGENSCKATGQVCHALCSPEGCWGPEPRDCVSCRNVSRGRECVDKCNLLEGE 546

RESULT 32

US-10-877-773A-135  
; Sequence 135, Application US/10877773A  
; Patent No. 7628986  
; GENERAL INFORMATION  
; APPLICANT: Weber, Richard  
; APPLICANT:Feng, Xiao  
; APPLICANT:Foord, Orit  
; APPLICANT:Green, Larry  
; APPLICANT:Gudas, Jean  
; APPLICANT:Keyt, Bruce  
; APPLICANT:Liu, Ying  
; APPLICANT:Rathanaswami, Palaniswami  
; APPLICANT:Raya, Robert

; APPLICANT:Yang, Xiao Dong  
; APPLICANT:Corvalan, Jose  
; APPLICANT:Foltz, Ian  
; APPLICANT:Jia, Xiao-Chi  
; APPLICANT:Kang, Jaspal  
; APPLICANT:King, Chadwick T.  
; APPLICANT:Klakamp, Scott L.  
; APPLICANT:Su, Qiaojuan Jane  
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO THE DELETION  
; TITLE OF INVENTION:MUTANTS OF EPIDERMAL GROWTH FACTOR RECEPTOR AND USES THEREOF  
; FILE REFERENCE: ABGENIX.087A  
; CURRENT APPLICATION NUMBER: US/10/877,773A  
; CURRENT FILING DATE: 2004-06-25  
; PRIOR APPLICATION NUMBER: 60/483,145  
; PRIOR FILING DATE: 2003-06-27  
; PRIOR APPLICATION NUMBER: 60/525,570  
; PRIOR FILING DATE: 2003-11-26  
; PRIOR APPLICATION NUMBER: 60/562,453  
; PRIOR FILING DATE: 2004-04-15  
; NUMBER OF SEQ ID NOS: 144  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 135  
; LENGTH: 919  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-877-773A-135

Query Match 52.9%; Score 185; DB 3; Length 919;  
Best Local Similarity 59.3%;  
Matches 32; Conservative 2; Mismatches 20; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGP GPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
|| | | |:|| ||| |||| | |:|||| ||| || | |||  
Db 202 NRGENSCKATGQVCHALCSPEGCGWGPEPRDCVSCRNVSRGRECVDKCNLLEGE 255

RESULT 33  
US-10-877-773A-134  
; Sequence 134, Application US/10877773A  
; Patent No. 7628986  
; GENERAL INFORMATION  
; APPLICANT: Weber, Richard  
; APPLICANT:Feng, Xiao  
; APPLICANT:Foord, Orit  
; APPLICANT:Green, Larry  
; APPLICANT:Gudas, Jean  
; APPLICANT:Keyt, Bruce  
; APPLICANT:Liu, Ying  
; APPLICANT:Rathanaswami, Palaniswami  
; APPLICANT:Raya, Robert  
; APPLICANT:Yang, Xiao Dong  
; APPLICANT:Corvalan, Jose  
; APPLICANT:Foltz, Ian  
; APPLICANT:Jia, Xiao-Chi  
; APPLICANT:Kang, Jaspal  
; APPLICANT:King, Chadwick T.  
; APPLICANT:Klakamp, Scott L.

; APPLICANT:Su, Qiaojuan Jane  
; TITLE OF INVENTION: ANTIBODIES DIRECTED TO THE DELETION  
; TITLE OF INVENTION:MUTANTS OF EPIDERMAL GROWTH FACTOR RECEPTOR AND USES THEREOF  
; FILE REFERENCE: ABGENIX.087A  
; CURRENT APPLICATION NUMBER: US/10/877,773A  
; CURRENT FILING DATE: 2004-06-25  
; PRIOR APPLICATION NUMBER: 60/483,145  
; PRIOR FILING DATE: 2003-06-27  
; PRIOR APPLICATION NUMBER: 60/525,570  
; PRIOR FILING DATE: 2003-11-26  
; PRIOR APPLICATION NUMBER: 60/562,453  
; PRIOR FILING DATE: 2004-04-15  
; NUMBER OF SEQ ID NOS: 144  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 134  
; LENGTH: 1186  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-877-773A-134

Query Match 52.9%; Score 185; DB 3; Length 1186;  
Best Local Similarity 59.3%;  
Matches 32; Conservative 2; Mismatches 20; Indels 0; Gaps 0;

Qy 5 NRPRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
|| | | |:|| ||| |||| | |:|||| ||| || || |||  
Db 469 NRGENSCKATGQVCHALCSPEGCWGPEPRDCVSCRNVSRGRECVDKCNLLEGE 522

RESULT 34  
US-09-715-249-2  
; Sequence 2, Application US/09715249  
; Patent No. 6790614  
; GENERAL INFORMATION:  
; APPLICANT: NOVARTIS AG  
; APPLICANT: VERES, GABOR  
; APPLICANT: PIPPIG, SUSANNE  
; TITLE OF INVENTION: selectable cell surface marker genes  
; FILE REFERENCE: 4-31192  
; CURRENT APPLICATION NUMBER: US/09/715,249  
; CURRENT FILING DATE: 2000-11-17  
; PRIOR APPLICATION NUMBER: us 60/166594  
; PRIOR FILING DATE: 1999-11-19  
; PRIOR APPLICATION NUMBER: us 09/539248  
; PRIOR FILING DATE: 2000-03-30  
; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 2  
; LENGTH: 1210  
; TYPE: PRT  
; ORGANISM: EGFR  
US-09-715-249-2

Query Match 52.9%; Score 185; DB 2; Length 1210;  
Best Local Similarity 59.3%;  
Matches 32; Conservative 2; Mismatches 20; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
|| | | |:|| ||| |||| | |:|||| ||| || | |||  
Db 493 NRGENSCKATGQVCHALCSPEGCGWGPEPRDCVSCRNVSRGRECVDKCNLLEGEP 546

RESULT 35  
US-10-394-322A-16  
; Sequence 16, Application US/10394322A  
; Patent No. 7202033  
; GENERAL INFORMATION:  
; APPLICANT: SUNESIS PHARMACEUTICALS, INC.  
; APPLICANT: Prescott, John C.  
; TITLE OF INVENTION: IDENTIFICATION OF KINASE INHIBITORS  
; FILE REFERENCE: 39750-0006 US  
; CURRENT APPLICATION NUMBER: US/10/394,322A  
; CURRENT FILING DATE: 2003-03-20  
; PRIOR APPLICATION NUMBER: US 60/366,892  
; PRIOR FILING DATE: 2002-03-21  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 16  
; LENGTH: 1210  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-394-322A-16

Query Match 52.9%; Score 185; DB 3; Length 1210;  
Best Local Similarity 59.3%;  
Matches 32; Conservative 2; Mismatches 20; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
|| | | |:|| ||| |||| | |:|||| ||| || | |||  
Db 493 NRGENSCKATGQVCHALCSPEGCGWGPEPRDCVSCRNVSRGRECVDKCNLLEGEP 546

RESULT 36  
US-11-294-621-512  
; Sequence 512, Application US/11294621  
; Patent No. 7294468  
; GENERAL INFORMATION:  
; APPLICANT: BELL, DAPHNE WINIFRED  
; APPLICANT: HABER, DANIEL A.  
; APPLICANT: JANNE, PASI ANTERO  
; APPLICANT: JOHNSON, BRUCE E.  
; APPLICANT: LYNCH, THOMAS J.  
; APPLICANT: MEYERSON, MATTHEW  
; APPLICANT: PAEZ, JUAN GUILLERMO  
; APPLICANT: SELLERS, WILLIAM R.  
; APPLICANT: SETTLEMAN, JEFFREY E.  
; APPLICANT: SORDELLA, RAFFAELLA  
; TITLE OF INVENTION: METHOD TO DETERMINE RESPONSIVENESS OF CANCER TO  
; TITLE OF INVENTION: EPIDERMAL GROWTH FACTOR RECEPTOR TARGETING  
; TITLE OF INVENTION: TREATMENTS  
; FILE REFERENCE: 030258-055147  
; CURRENT APPLICATION NUMBER: US/11/294,621  
; CURRENT FILING DATE: 2005-12-05  
; PRIOR APPLICATION NUMBER: PCT/US05/010645

; PRIOR FILING DATE: 2005-03-31  
; PRIOR APPLICATION NUMBER: 60/558,218  
; PRIOR FILING DATE: 2004-03-31  
; PRIOR APPLICATION NUMBER: 60/561,095  
; PRIOR FILING DATE: 2004-04-09  
; PRIOR APPLICATION NUMBER: 60/565,753  
; PRIOR FILING DATE: 2004-04-27  
; PRIOR APPLICATION NUMBER: 60/565,985  
; PRIOR FILING DATE: 2004-04-27  
; PRIOR APPLICATION NUMBER: 60/574,035  
; PRIOR FILING DATE: 2004-05-25  
; PRIOR APPLICATION NUMBER: 60/577,916  
; PRIOR FILING DATE: 2004-06-07  
; PRIOR APPLICATION NUMBER: 60/592,287  
; PRIOR FILING DATE: 2004-07-29  
; NUMBER OF SEQ ID NOS: 762  
; SOFTWARE: PatentIn Ver. 3.3  
; SEQ ID NO 512  
; LENGTH: 1210  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-294-621-512

Query Match 52.9%; Score 185; DB 3; Length 1210;  
Best Local Similarity 59.3%;  
Matches 32; Conservative 2; Mismatches 20; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGC WGP GPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
|| | | :|| ||| |||| | |:|||| || | || | |||  
Db 493 NRGENSCKATGQVCHALCSPEGCWGPEPRDCVSCRNVSRGRECVDKCNLLEGE 546

RESULT 37  
US-11-622-061B-32  
; Sequence 32, Application US/11622061B  
; Patent No. 7588895  
; GENERAL INFORMATION  
; APPLICANT: The Regents of the University of California  
; APPLICANT:Wong, David T. W.  
; APPLICANT:Zhou, Xiaofeng  
; TITLE OF INVENTION: Biomarkers for Oral Tongue Cancer Metastasis and Extracapsular  
; TITLE OF INVENTION:Spread (ECS)  
; FILE REFERENCE: 02307K-166410US  
; CURRENT APPLICATION NUMBER: US/11/622,061B  
; CURRENT FILING DATE: 2008-04-14  
; PRIOR APPLICATION NUMBER: US 60/758,432  
; PRIOR FILING DATE: 2006-01-11  
; NUMBER OF SEQ ID NOS: 32  
; SOFTWARE: PatentIn version 3.5  
; SEQ ID NO 32  
; LENGTH: 1210  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: EGFR  
US-11-622-061B-32

Query Match 52.9%; Score 185; DB 3; Length 1210;  
Best Local Similarity 59.3%;  
Matches 32; Conservative 2; Mismatches 20; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
|| | | |:|| ||| |||| | |:|||| ||| || | |||  
Db 493 NRGNSCKATGQVCHALCSPEGCGWPEPRDCVSCRNVSRGRECVDKCNLLEGEP 546

RESULT 38

US-11-878-050-438  
; Sequence 438, Application US/11878050  
; Patent No. 7608413  
; GENERAL INFORMATION:  
; APPLICANT: JOSELOFF, Elizabeth et al.  
; TITLE OF INVENTION: KIDNEY DISEASE TARGETS AND USES THEREOF  
; FILE REFERENCE: CL001591ORD  
; CURRENT APPLICATION NUMBER: US/11/878,050  
; CURRENT FILING DATE: 2007-10-03  
; NUMBER OF SEQ ID NOS: 6044  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 438  
; LENGTH: 1210  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-878-050-438

Query Match 52.9%; Score 185; DB 3; Length 1210;  
Best Local Similarity 59.3%;  
Matches 32; Conservative 2; Mismatches 20; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
|| | | |:|| ||| |||| | |:|||| ||| || | |||  
Db 493 NRGNSCKATGQVCHALCSPEGCGWPEPRDCVSCRNVSRGRECVDKCNLLEGEP 546

RESULT 39

US-11-878-050-439  
; Sequence 439, Application US/11878050  
; Patent No. 7608413  
; GENERAL INFORMATION:  
; APPLICANT: JOSELOFF, Elizabeth et al.  
; TITLE OF INVENTION: KIDNEY DISEASE TARGETS AND USES THEREOF  
; FILE REFERENCE: CL001591ORD  
; CURRENT APPLICATION NUMBER: US/11/878,050  
; CURRENT FILING DATE: 2007-10-03  
; NUMBER OF SEQ ID NOS: 6044  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 439  
; LENGTH: 1210  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-878-050-439

Query Match 52.9%; Score 185; DB 3; Length 1210;  
Best Local Similarity 59.3%;  
Matches 32; Conservative 2; Mismatches 20; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
|| | | |:|| ||| |||| | |:|||| || | | | |||  
Db 493 NRGENSCKATGQVCHALCSPEGCGWGPEPRDCVSCRNVSRGRECVDKCNLLEGEP 546

RESULT 40

US-09-723-307-67

; Sequence 67, Application US/09723307  
; Patent No. 6892140  
; GENERAL INFORMATION:  
; APPLICANT: CALENOFF, EMANUEL  
; APPLICANT: DITLOW, CHARLES C.  
; TITLE OF INVENTION: IMMUNOGENIC CANCER PEPTIDES AND USES THEREOF  
; FILE REFERENCE: 21417-91482  
; CURRENT APPLICATION NUMBER: US/09/723,307  
; CURRENT FILING DATE: 2001-09-19  
; NUMBER OF SEQ ID NOS: 68  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 67  
; LENGTH: 1210  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-723-307-67

Query Match 51.4%; Score 180; DB 2; Length 1210;  
Best Local Similarity 57.4%;  
Matches 31; Conservative 3; Mismatches 20; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
|| | | |:|| ||| |||| | |:|||| || | | | |||  
Db 493 NRGENSCKATGQVCHALCSPEGCGWGPEPRDCVSCRNVSRGRECVDKCNLLEGEP 546

RESULT 41

US-08-336-708A-9

; Sequence 9, Application US/08336708A  
; Patent No. 5521295  
; GENERAL INFORMATION:  
; APPLICANT: Pacifici, Robert E.  
; APPLICANT: Thomason, Arlen R.  
; APPLICANT: Chang, Ming-Shi  
; TITLE OF INVENTION: Hybrid Receptor Molecules  
; NUMBER OF SEQUENCES: 10  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Amgen Inc.  
; STREET: 1840 Dehavilland Drive  
; CITY: Thousand Oaks  
; STATE: California  
; COUNTRY: USA  
; ZIP: 91320-1789  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/336,708A  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Oleski, Nancy  
; REFERENCE/DOCKET NUMBER: A-241A  
; INFORMATION FOR SEQ ID NO: 9:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 644 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-336-708A-9

Query Match 51.1%; Score 179; DB 1; Length 644;  
Best Local Similarity 57.4%;  
Matches 31; Conservative 2; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
|| | | |:|| ||| |||| | |:|||| ||| || | |||  
Db 493 NRGENSCKATGQVCHALCSPEGCWGPEPRDCVSCRNVSRGRECVDKCKLLEGEP 546

## RESULT 42

US-08-484-438-7

; Sequence 7, Application US/08484438  
; Patent No. 5811098  
; Patent No. 5811098 5780031  
; GENERAL INFORMATION:  
; APPLICANT: Plowman, Gregory D.  
; APPLICANT: Culouscou, Jean-Michel  
; APPLICANT: Shoyab, Mohammed  
; APPLICANT: Siegall, Clay B.  
; APPLICANT: Hellstr m, Ingegerd  
; APPLICANT: Hellstr m, Karl E.  
; TITLE OF INVENTION: HER4 HUMAN RECEPTOR TYROSINE KINASE  
; NUMBER OF SEQUENCES: 42  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pennie & Edmonds  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10036-2711  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/484,438  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 530  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/323,442  
; FILING DATE: 14-OCT-1994



; APPLICATION NUMBER: US 08/150,704  
; FILING DATE: 10-NOV-1993  
; CLASSIFICATION: 530  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/981,165  
; FILING DATE: 24-NOV-1992  
; CLASSIFICATION: 530  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Misrock, S. Leslie  
; REGISTRATION NUMBER: 18,872  
; REFERENCE/DOCKET NUMBER: 5624-230  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 790-9090  
; TELEFAX: (212) 869-8864/9741  
; TELEX: 66141 PENNIE  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1210 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: unknown  
; TOPOLOGY: unknown  
; MOLECULE TYPE: protein

US-08-484-438-7

Query Match 51.1%; Score 179; DB 1; Length 1210;  
Best Local Similarity 57.4%;  
Matches 31; Conservative 2; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGP GPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
|| | | :|| ||| |||| | | :|||| ||| || | | |||  
Db 493 NRGENSCKATGQVCHALCSPEGCWGPEPRDCVSCRNVSRGRECVDKCKLLEGEP 546

RESULT 43

US-08-475-035-4

; Sequence 4, Application US/08475035  
; Patent No. 5985553  
; GENERAL INFORMATION:  
; APPLICANT: KING, C. R.  
; APPLICANT: KRAUS, MATTHIAS H.  
; APPLICANT: AARONSON, STUART A.  
; TITLE OF INVENTION: HUMAN GENE RELATED TO BUT DISTINCT FROM  
; TITLE OF INVENTION: EGF RECEPTOR GENE  
; NUMBER OF SEQUENCES: 4  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.  
; STREET: Suite 1200, 127 Peachtree Street  
; CITY: Atlanta  
; STATE: Georgia  
; COUNTRY: USA  
; ZIP: 30303  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/475,035  
; FILING DATE: 7 Jun 1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Perryman, David G.  
; REGISTRATION NUMBER: 33,438  
; REFERENCE/DOCKET NUMBER: 1414.656  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 404/688-0770  
; TELEFAX: 404/688-9880  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1210 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-475-035-4

Query Match 51.1%; Score 179; DB 1; Length 1210;  
Best Local Similarity 57.4%;  
Matches 31; Conservative 2; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
|| | | :|| ||| |||| | |:|||| || | | |||  
Db 493 NRGENSCKATGQVCHALCSPEGCWGPEPRDCVSCRNVSRGRECVDKCKLLEGE 546

RESULT 44  
US-10-503-486-15  
; Sequence 15, Application US/10503486  
; Patent No. 7514240  
; GENERAL INFORMATION:  
; APPLICANT: Japan Science and Technology Corporation  
; APPLICANT: Riken  
; APPLICANT: Mochida Pharmaceutical CO., LTD.  
; TITLE OF INVENTION: EGF/EGFR Complex  
; FILE REFERENCE: PH-1639-PCT  
; CURRENT APPLICATION NUMBER: US/10/503,486  
; CURRENT FILING DATE: 2004-08-05  
; PRIOR APPLICATION NUMBER: JP 2002-28780  
; PRIOR FILING DATE: 2002-02-05  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 15  
; LENGTH: 1210  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: SIGNAL  
; LOCATION: (1)..(24)  
US-10-503-486-15

Query Match 51.1%; Score 179; DB 3; Length 1210;  
Best Local Similarity 57.4%;  
Matches 31; Conservative 2; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58

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      ||      | | :||  |||  |||| |  | :|||  ||  ||  |  |||
Db      493 NRGNSCKATGQVCHALCSPEGCGWGPEPRDCVSCRNVSRGRECVDKCKLLEGEP 546

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RESULT 45

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US-10-586-499A-6
; Sequence 6, Application US/10586499A
; Patent No. 7655751
; GENERAL INFORMATION
; APPLICANT: ITOH, Kyogo
; APPLICANT:SHICHIJO, Shigeki
; TITLE OF INVENTION: Epidermal growth factor receptor (EGFR)-derived peptides
; FILE REFERENCE: 547586
; CURRENT APPLICATION NUMBER: US/10/586,499A
; CURRENT FILING DATE: 2009-08-19
; PRIOR APPLICATION NUMBER: JP 2004-015676
; PRIOR FILING DATE: 2004-01-23
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 1210
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-586-499A-6

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Query Match          51.1%;  Score 179;  DB 3;  Length 1210;
Best Local Similarity  57.4%;
Matches   31;  Conservative    2;  Mismatches   21;  Indels      0;  Gaps      0;

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```

Qy      5 NRPRRDCVAEGKVCDDLCSGGCGWGPQCLSCRNYSRGGVCVTHCNFLNGEP 58
      ||      | | :||  |||  |||| |  | :|||  ||  ||  |  |||
Db      493 NRGNSCKATGQVCHALCSPEGCGWGPEPRDCVSCRNVSRGRECVDKCKLLEGEP 546

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RESULT 46

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US-10-387-252A-2
; Sequence 2, Application US/10387252A
; Patent No. 7662793
; GENERAL INFORMATION:
; APPLICANT: He, Yukai
; APPLICANT: Grandis, Jennifer Rubin
; APPLICANT: Huang, Leaf
; TITLE OF INVENTION: Inhibition of Human Squamous Cell Carcinoma Growth In
; TITLE OF INVENTION: Vivo by Epidermal Growth Factor Receptor Antisense RNA
; TITLE OF INVENTION: Transcribed From a Pol III Promoter
; FILE REFERENCE: HeGrandisHuang
; CURRENT APPLICATION NUMBER: US/10/387,252A
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: 60/140,136
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 1210
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-387-252A-2

```

Query Match 51.1%; Score 179; DB 3; Length 1210;  
Best Local Similarity 57.4%;  
Matches 31; Conservative 2; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
|| | | :|| || | |||| | | :|||| || | | | |||  
Db 493 NRGENSCKATGQVCHALCSPEGCWGPEPRDCVSCRNVSRGRECVDKCKLLEGEP 546

RESULT 47

US-10-541-270A-41  
; Sequence 41, Application US/10541270A  
; Patent No. 7282365  
; GENERAL INFORMATION:  
; APPLICANT: Monaci, Paolo  
; APPLICANT: Nuzzo, Maurizio  
; APPLICANT: La Monica, Nicola  
; APPLICANT: Ciliberto, Gennaro  
; APPLICANT: Lahm, Armin  
; TITLE OF INVENTION: RHESUS HER2/NEU, NUCLEOTIDES ENCODING  
; TITLE OF INVENTION: SAME AND USES THEREOF  
; FILE REFERENCE: ITR0043YP  
; CURRENT APPLICATION NUMBER: US/10/541,270A  
; CURRENT FILING DATE: 2005-07-01  
; PRIOR APPLICATION NUMBER: PCT/EP03/14997  
; PRIOR FILING DATE: 2003-12-29  
; PRIOR APPLICATION NUMBER: 60/437,846  
; PRIOR FILING DATE: 2003-01-03  
; NUMBER OF SEQ ID NOS: 43  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 41  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Rhesus Monkey  
; FEATURE:  
; NAME/KEY: VARIANT  
; LOCATION: 517, 647, 1075  
; OTHER INFORMATION: Xaa = Any Amino Acid  
US-10-541-270A-41

Query Match 50.0%; Score 175; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||:| : || || | |||  
Db 498 NRPEDECVGEG LACHQLCAXGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 48

US-10-119-288A-42  
; Sequence 42, Application US/10119288A  
; Patent No. 7638598  
; GENERAL INFORMATION:  
; APPLICANT: Greene, Mark  
; APPLICANT: Zhang, Hongtao

; APPLICANT: Murali, Ramachandran  
; APPLICANT: Richter, Mark  
; APPLICANT: Berezov, Alan  
; APPLICANT: Liu, Qingdu  
; APPLICANT: Chen, Jinqiu  
; TITLE OF INVENTION: ErbB INTERFACE PEPTIDOMIMETICS AND METHODS OF USE THEREOF  
; FILE REFERENCE: 4040/1K397-US1  
; CURRENT APPLICATION NUMBER: US/10/119,288A  
; CURRENT FILING DATE: 2002-08-15  
; PRIOR APPLICATION NUMBER: US 60/282,037  
; PRIOR FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/309,864  
; PRIOR FILING DATE: 2001-08-03  
; NUMBER OF SEQ ID NOS: 45  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 42  
; LENGTH: 148  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-119-288A-42

Query Match 49.7%; Score 174; DB 3; Length 148;  
Best Local Similarity 65.9%;  
Matches 27; Conservative 5; Mismatches 9; Indels 0; Gaps 0;

Qy 17 VCDPLCSSGGCGWGP GPGQCLSCRNYSRGGVCVTHCNFLNGE 57  
||: |||| ||||| ||||| :||| :|: || :||  
Db 2 VCNHLCSSDGCWGP GPDQCLSCRFRSRGRICIESCNLYDGE 42

RESULT 49  
US-10-213-292-42  
; Sequence 42, Application US/10213292  
; Patent No. 7662374  
; GENERAL INFORMATION:  
; APPLICANT: Greene, Mark I.  
; APPLICANT: Zhang, Hongtao  
; APPLICANT: Richter, Mark  
; APPLICANT: Murali, Ramachandran  
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES TO ACTIVATED erbB FAMILY MEMBERS  
; TITLE OF INVENTION: AND METHODS OF USE  
; TITLE OF INVENTION: THEREOF  
; FILE REFERENCE: 4040/1K396-US1  
; CURRENT APPLICATION NUMBER: US/10/213,292  
; CURRENT FILING DATE: 2002-08-05  
; PRIOR APPLICATION NUMBER: US 60/309,864  
; PRIOR FILING DATE: 2001-08-03  
; NUMBER OF SEQ ID NOS: 45  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 42  
; LENGTH: 148  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-213-292-42

Query Match 49.7%; Score 174; DB 3; Length 148;  
Best Local Similarity 65.9%;

Matches 27; Conservative 5; Mismatches 9; Indels 0; Gaps 0;

Qy 17 VCDPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGE 57  
 ||: |||| ||||| ||||| :||| :|: || :||  
 Db 2 VCNHLCSSDGCWGPDPQCLSCRRFSRGRICIESCNLYDGE 42

RESULT 50

US-08-422-108-1

; Sequence 1, Application US/08422108

; Patent No. 6015567

; GENERAL INFORMATION:

; APPLICANT: Hudziak, Robert M.

; APPLICANT: Shepard, H. Michael

; APPLICANT: Ullrich, Axel

; TITLE OF INVENTION: HER2 EXTRACELLULAR DOMAIN

; NUMBER OF SEQUENCES: 2

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Genentech, Inc.

; STREET: 460 Point San Bruno Blvd

; CITY: South San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94080

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: WinPatin (Genentech)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/422,108

; FILING DATE: 14-Apr-1995

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/355460

; FILING DATE: 13-DEC-1994

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/048346

; FILING DATE: 15-APR-1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/354319

; FILING DATE: 19-MAY-1989

; ATTORNEY/AGENT INFORMATION:

; NAME: Lee, Wendy M

; REGISTRATION NUMBER: 00,000

; REFERENCE/DOCKET NUMBER: 554C2D2

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 415/225-1994

; TELEFAX: 415/952-9881

; TELEX: 910/371-7168

; INFORMATION FOR SEQ ID NO: 1:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 624 amino acids

; TYPE: Amino Acid

; TOPOLOGY: Linear

US-08-422-108-1

Query Match 49.7%; Score 174; DB 2; Length 624;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | || |  
Db 477 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 530

## RESULT 51

US-08-422-734-1

; Sequence 1, Application US/08422734

; Patent No. 6333169

; GENERAL INFORMATION:

; APPLICANT: Hudziak, Robert M.

; APPLICANT: Shepard, H. Michael

; APPLICANT: Ullrich, Axel

; TITLE OF INVENTION: HER2 EXTRACELLULAR DOMAIN

; NUMBER OF SEQUENCES: 2

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Genentech, Inc.

; STREET: 460 Point San Bruno Blvd

; CITY: South San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94080

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: WinPatin (Genentech)

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/422,734

; FILING DATE:

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/422108

; FILING DATE: 14-Apr-1995

; APPLICATION NUMBER: 08/355460

; FILING DATE: 13-DEC-1994

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/048346

; FILING DATE: 15-APR-1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/354319

; FILING DATE: 19-MAY-1989

; ATTORNEY/AGENT INFORMATION:

; NAME: Lee, Wendy M

; REGISTRATION NUMBER: 00,000

; REFERENCE/DOCKET NUMBER: 554C2D1

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 415/225-1994

; TELEFAX: 415/952-9881

; TELEX: 910/371-7168

; INFORMATION FOR SEQ ID NO: 1:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 624 amino acids

; TYPE: Amino Acid  
; TOPOLOGY: Linear  
US-08-422-734-1

Query Match 49.7%; Score 174; DB 2; Length 624;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | |  
Db 477 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 530

RESULT 52  
US-11-209-187-2  
; Sequence 2, Application US/11209187  
; Patent No. 7449559  
; GENERAL INFORMATION:  
; APPLICANT: CSIRO Molecular and Health Technologies  
; TITLE OF INVENTION: Truncated EGF Receptor  
; FILE REFERENCE: 502897  
; CURRENT APPLICATION NUMBER: US/11/209,187  
; CURRENT FILING DATE: 2007-08-08  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 2  
; LENGTH: 631  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-209-187-2

Query Match 49.7%; Score 174; DB 3; Length 631;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | |  
Db 477 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 530

RESULT 53  
US-09-602-812A-13  
; Sequence 13, Application US/09602812A  
; Patent No. 6949245  
; GENERAL INFORMATION:  
; APPLICANT: Adams, Camellia W.  
; APPLICANT: Presta, Leonard G.  
; APPLICANT: Sliwowski, Mark X.  
; TITLE OF INVENTION: Humanized Anti-ErbB2 Antibodies and Treatment with  
; TITLE OF INVENTION: Anti-ErbB2 Antibodies  
; FILE REFERENCE: P1467R2  
; CURRENT APPLICATION NUMBER: US/09/602,812A  
; CURRENT FILING DATE: 2000-06-23  
; PRIOR APPLICATION NUMBER: US 60/141,316  
; PRIOR FILING DATE: 1999-06-25  
; NUMBER OF SEQ ID NOS: 13  
; SEQ ID NO 13



; LENGTH: 645  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-602-812A-13

Query Match 49.7%; Score 174; DB 2; Length 645;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 54  
US-09-921-161-1  
; Sequence 1, Application US/09921161  
; Patent No. 6984494  
; GENERAL INFORMATION:  
; APPLICANT: Ralph, Peter  
; TITLE OF INVENTION: ANALYTICAL METHOD  
; FILE REFERENCE: GENENT.066A  
; CURRENT APPLICATION NUMBER: US/09/921,161  
; CURRENT FILING DATE: 2001-08-01  
; PRIOR APPLICATION NUMBER: 60/225,433  
; PRIOR FILING DATE: 2000-08-15  
; NUMBER OF SEQ ID NOS: 1  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 1  
; LENGTH: 645  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-921-161-1

Query Match 49.7%; Score 174; DB 2; Length 645;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 55  
US-09-602-800A-13  
; Sequence 13, Application US/09602800A  
; Patent No. 7041292  
; GENERAL INFORMATION:  
; APPLICANT: Sliwkowski, Mark X.  
; TITLE OF INVENTION: TREATING PROSTATE CANCER WITH ANTI-ErbB2 ANTIBODIES  
; FILE REFERENCE: 39766-0142D1  
; CURRENT APPLICATION NUMBER: US/09/602,800A  
; CURRENT FILING DATE: 2000-06-23  
; PRIOR APPLICATION NUMBER: US 60/141,315  
; PRIOR FILING DATE: 1999-06-25  
; NUMBER OF SEQ ID NOS: 22  
; SEQ ID NO 13

; LENGTH: 645  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-602-800A-13

Query Match 49.7%; Score 174; DB 3; Length 645;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPPTQCVNCSQFLRGQECVEECRVLQGLP 551

RESULT 56  
US-11-213-557-1  
; Sequence 1, Application US/11213557  
; Patent No. 7279287  
; GENERAL INFORMATION:  
; APPLICANT: Ralph, Peter  
; TITLE OF INVENTION: ANALYTICAL METHOD  
; FILE REFERENCE: GENENT.066A  
; CURRENT APPLICATION NUMBER: US/11/213,557  
; CURRENT FILING DATE: 2005-08-26  
; PRIOR APPLICATION NUMBER: US/09/921,161  
; PRIOR FILING DATE: 2001-08-01  
; PRIOR APPLICATION NUMBER: 60/225,433  
; PRIOR FILING DATE: 2000-08-15  
; NUMBER OF SEQ ID NOS: 1  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 1  
; LENGTH: 645  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-213-557-1

Query Match 49.7%; Score 174; DB 3; Length 645;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPPTQCVNCSQFLRGQECVEECRVLQGLP 551

RESULT 57  
US-11-429-043-13  
; Sequence 13, Application US/11429043  
; Patent No. 7485302  
; GENERAL INFORMATION:  
; APPLICANT: Adams, Camellia W.  
; APPLICANT: Presta, Leonard G.  
; APPLICANT: Sliwkowski, Mark X.  
; TITLE OF INVENTION: Humanized Anti-ErbB2 Antibodies and Treatment with  
; TITLE OF INVENTION: Anti-ErbB2 Antibodies  
; FILE REFERENCE: P1467R2  
; CURRENT APPLICATION NUMBER: US/11/429,043

; CURRENT FILING DATE: 2006-05-05  
; PRIOR APPLICATION NUMBER: US/09/602,812  
; PRIOR FILING DATE: 2000-06-23  
; PRIOR APPLICATION NUMBER: US 60/141,316  
; PRIOR FILING DATE: 1999-06-25  
; NUMBER OF SEQ ID NOS: 13  
; SEQ ID NO 13  
; LENGTH: 645  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-429-043-13

Query Match 49.7%; Score 174; DB 3; Length 645;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 58  
US-11-222-587-13  
; Sequence 13, Application US/11222587  
; Patent No. 7498030  
; GENERAL INFORMATION:  
; APPLICANT: Adams, Camellia W.  
; APPLICANT: Presta, Leonard G.  
; APPLICANT: Sliwkowski, Mark X.  
; TITLE OF INVENTION: Humanized Anti-ErbB2 Antibodies and Treatment with  
; TITLE OF INVENTION: Anti-ErbB2 Antibodies  
; FILE REFERENCE: P1467R2  
; CURRENT APPLICATION NUMBER: US/11/222,587  
; CURRENT FILING DATE: 2005-09-09  
; PRIOR APPLICATION NUMBER: US/09/602,812  
; PRIOR FILING DATE: 2000-06-23  
; PRIOR APPLICATION NUMBER: US 60/141,316  
; PRIOR FILING DATE: 1999-06-25  
; NUMBER OF SEQ ID NOS: 13  
; SEQ ID NO 13  
; LENGTH: 645  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-222-587-13

Query Match 49.7%; Score 174; DB 3; Length 645;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 59  
US-11-223-361-13  
; Sequence 13, Application US/11223361

; Patent No. 7501122  
; GENERAL INFORMATION:  
; APPLICANT: Adams, Camellia W.  
; APPLICANT: Presta, Leonard G.  
; APPLICANT: Sliwowski, Mark X.  
; TITLE OF INVENTION: Humanized Anti-ErbB2 Antibodies and Treatment with  
; TITLE OF INVENTION: Anti-ErbB2 Antibodies  
; FILE REFERENCE: P1467R2  
; CURRENT APPLICATION NUMBER: US/11/223,361  
; CURRENT FILING DATE: 2005-09-09  
; PRIOR APPLICATION NUMBER: US/09/602,812  
; PRIOR FILING DATE: 2000-06-23  
; PRIOR APPLICATION NUMBER: US 60/141,316  
; PRIOR FILING DATE: 1999-06-25  
; NUMBER OF SEQ ID NOS: 13  
; SEQ ID NO 13  
; LENGTH: 645  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-223-361-13

Query Match 49.7%; Score 174; DB 3; Length 645;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRDCAEGKVC DPLCSSGGCWGP GPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | || |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGP GPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 60  
US-11-429-361-13  
; Sequence 13, Application US/11429361  
; Patent No. 7537931  
; GENERAL INFORMATION:  
; APPLICANT: Adams, Camellia W.  
; APPLICANT: Presta, Leonard G.  
; APPLICANT: Sliwowski, Mark X.  
; TITLE OF INVENTION: Humanized Anti-ErbB2 Antibodies and Treatment with  
; TITLE OF INVENTION: Anti-ErbB2 Antibodies  
; FILE REFERENCE: P1467R2  
; CURRENT APPLICATION NUMBER: US/11/429,361  
; CURRENT FILING DATE: 2006-05-05  
; PRIOR APPLICATION NUMBER: US/09/602,812  
; PRIOR FILING DATE: 2000-06-23  
; PRIOR APPLICATION NUMBER: US 60/141,316  
; PRIOR FILING DATE: 1999-06-25  
; NUMBER OF SEQ ID NOS: 13  
; SEQ ID NO 13  
; LENGTH: 645  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-429-361-13

Query Match 49.7%; Score 174; DB 3; Length 645;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 61  
US-11-154-465-13  
; Sequence 13, Application US/11154465  
; Patent No. 7618631  
; GENERAL INFORMATION:  
; APPLICANT: Adams, Camellia W.  
; APPLICANT: Presta, Leonard G.  
; APPLICANT: Sliwowski, Mark X.  
; TITLE OF INVENTION: Humanized Anti-ErbB2 Antibodies and Treatment with  
; TITLE OF INVENTION: Anti-ErbB2 Antibodies  
; FILE REFERENCE: P1467R2  
; CURRENT APPLICATION NUMBER: US/11/154,465  
; CURRENT FILING DATE: 2005-06-16  
; PRIOR APPLICATION NUMBER: US/09/602,812  
; PRIOR FILING DATE: 2000-06-23  
; PRIOR APPLICATION NUMBER: US 60/141,316  
; PRIOR FILING DATE: 1999-06-25  
; NUMBER OF SEQ ID NOS: 13  
; SEQ ID NO 13  
; LENGTH: 645  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-154-465-13

Query Match 49.7%; Score 174; DB 3; Length 645;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 62  
US-09-493-480-3  
; Sequence 3, Application US/09493480  
; Patent No. 7198920  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; APPLICANT: Gheysen, Dirk  
; APPLICANT: Corixa Corporation  
; APPLICANT: SmithKline Beecham Biologicals S. A.  
; TITLE OF INVENTION: HER-2/neu Fusion Proteins  
; FILE REFERENCE: 014058-009810PC  
; CURRENT APPLICATION NUMBER: US/09/493,480  
; CURRENT FILING DATE: 2000-01-28  
; PRIOR APPLICATION NUMBER: US 60/117,976  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 3

; LENGTH: 653  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: extracellular domain (ECD) of human HER-2/neu  
US-09-493-480-3

Query Match 49.7%; Score 174; DB 3; Length 653;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPPTQCVNCSQFLRGQECVEECRVLQGLP 551

RESULT 63

US-09-632-507A-3  
; Sequence 3, Application US/09632507A  
; Patent No. 7229623  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; APPLICANT: Gheysen, Dirk  
; APPLICANT: Corixa Corporation  
; APPLICANT: SmithKline Beecham Biologicals S. A.  
; TITLE OF INVENTION: Her-2/neu Fusion Proteins  
; FILE REFERENCE: 014058-009820US  
; CURRENT APPLICATION NUMBER: US/09/632,507A  
; CURRENT FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: US 60/117,976  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: US 09/493,480  
; PRIOR FILING DATE: 2000-01-28  
; NUMBER OF SEQ ID NOS: 32  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 3  
; LENGTH: 653  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: extracellular domain (ECD) of human Her-2/neu  
US-09-632-507A-3

Query Match 49.7%; Score 174; DB 3; Length 653;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPPTQCVNCSQFLRGQECVEECRVLQGLP 551

RESULT 64

US-09-854-356-3  
; Sequence 3, Application US/09854356  
; Patent No. 7375091  
; GENERAL INFORMATION:

; APPLICANT: Cheever, Martin A.  
; APPLICANT: Gheysen, Dirk  
; APPLICANT: Corixa Corporation  
; APPLICANT: SmithKline Beecham Biologicals S. A.  
; TITLE OF INVENTION: HER-2/neu Fusion Proteins  
; FILE REFERENCE: 014058-009810PC  
; CURRENT APPLICATION NUMBER: US/09/854,356  
; CURRENT FILING DATE: 2001-05-09  
; PRIOR APPLICATION NUMBER: US 09/493,480  
; PRIOR FILING DATE: 2000-01-28  
; PRIOR APPLICATION NUMBER: US 60/117,976  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 3  
; LENGTH: 653  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: extracellular domain (ECD) of human HER-2/neu  
US-09-854-356-3

Query Match 49.7%; Score 174; DB 3; Length 653;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | || |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPPTQCVNCSQFLRGQECVEECRVLQGLP 551

RESULT 65  
US-12-291-886-14  
; Sequence 14, Application US/12291886  
; Patent No. 7662586  
; GENERAL INFORMATION:  
; APPLICANT: Monaci, Paolo  
; APPLICANT: Gallo, Pasquale  
; APPLICANT: Nuzzo, Maurizio  
; TITLE OF INVENTION: SYNTHETIC GENE ENCODING HUMAN EPIDERMAL  
; TITLE OF INVENTION: GROWTH FACTOR 2/NEU ANTIGEN AND USES THEREOF  
; FILE REFERENCE: ITR0065YP  
; CURRENT APPLICATION NUMBER: US/12/291,886  
; CURRENT FILING DATE: 2008-11-14  
; PRIOR APPLICATION NUMBER: US/10/565,418  
; PRIOR FILING DATE: 2006-01-23  
; PRIOR APPLICATION NUMBER: PCT/EP2004/008234  
; PRIOR FILING DATE: 2004-04-20  
; PRIOR APPLICATION NUMBER: 60/489,237  
; PRIOR FILING DATE: 2003-07-21  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 14  
; LENGTH: 675  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:

; OTHER INFORMATION: HER2ECDTM polypeptide  
US-12-291-886-14

Query Match 49.7%; Score 174; DB 3; Length 675;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVCDFLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 66  
US-09-493-480-7  
; Sequence 7, Application US/09493480  
; Patent No. 7198920  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; APPLICANT: Gheysen, Dirk  
; APPLICANT: Corixa Corporation  
; APPLICANT: SmithKline Beecham Biologicals S. A.  
; TITLE OF INVENTION: HER-2/neu Fusion Proteins  
; FILE REFERENCE: 014058-009810PC  
; CURRENT APPLICATION NUMBER: US/09/493,480  
; CURRENT FILING DATE: 2000-01-28  
; PRIOR APPLICATION NUMBER: US 60/117,976  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 7  
; LENGTH: 712  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:fusion protein  
; OTHER INFORMATION: of ECD and delta PD of human HER-2/neu  
US-09-493-480-7

Query Match 49.7%; Score 174; DB 3; Length 712;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVCDFLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 67  
US-09-632-507A-7  
; Sequence 7, Application US/09632507A  
; Patent No. 7229623  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; APPLICANT: Gheysen, Dirk  
; APPLICANT: Corixa Corporation  
; APPLICANT: SmithKline Beecham Biologicals S. A.  
; TITLE OF INVENTION: Her-2/neu Fusion Proteins



; FILE REFERENCE: 014058-009820US  
; CURRENT APPLICATION NUMBER: US/09/632,507A  
; CURRENT FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: US 60/117,976  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: US 09/493,480  
; PRIOR FILING DATE: 2000-01-28  
; NUMBER OF SEQ ID NOS: 32  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 7  
; LENGTH: 712  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:fusion protein  
; OTHER INFORMATION: of ECD and delta PD of human Her-2/neu  
US-09-632-507A-7

Query Match 49.7%; Score 174; DB 3; Length 712;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 68  
US-09-854-356-7  
; Sequence 7, Application US/09854356  
; Patent No. 7375091  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; APPLICANT: Gheysen, Dirk  
; APPLICANT: Corixa Corporation  
; APPLICANT: SmithKline Beecham Biologicals S. A.  
; TITLE OF INVENTION: HER-2/neu Fusion Proteins  
; FILE REFERENCE: 014058-009810PC  
; CURRENT APPLICATION NUMBER: US/09/854,356  
; CURRENT FILING DATE: 2001-05-09  
; PRIOR APPLICATION NUMBER: US 09/493,480  
; PRIOR FILING DATE: 2000-01-28  
; PRIOR APPLICATION NUMBER: US 60/117,976  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 7  
; LENGTH: 712  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:fusion protein  
; OTHER INFORMATION: of ECD and delta PD of human HER-2/neu  
US-09-854-356-7

Query Match 49.7%; Score 174; DB 3; Length 712;  
Best Local Similarity 51.9%;

Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
 ||| :|| || | ||: | ||||| ||::| : || || | | |  
 Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 69

US-09-146-283-4

; Sequence 4, Application US/09146283

; Patent No. 5976546

; GENERAL INFORMATION:

; APPLICANT: Laus, Reiner

; APPLICANT: Ruegg, Curtis L.

; APPLICANT: Wu, Hongyu

; TITLE OF INVENTION: Immunostimulatory Compositions

; NUMBER OF SEQUENCES: 10

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Dehlinger & Associates

; STREET: 350 Cambridge Ave. Suite 250

; CITY: Palo Alto

; STATE: CA

; COUNTRY: USA

; ZIP: 94306

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/146,283

; FILING DATE: 03-SEPT-1998

; CLASSIFICATION: 536

; ATTORNEY/AGENT INFORMATION:

; NAME: Judge, Linda R.

; REGISTRATION NUMBER: 42,702

; REFERENCE/DOCKET NUMBER: 7636-0010.21

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 650-324-0880

; TELEFAX: 650-324-0960

; INFORMATION FOR SEQ ID NO: 4:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 782 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

; HYPOTHETICAL: NO

; ORIGINAL SOURCE:

; ORGANISM: homo sapiens

; INDIVIDUAL ISOLATE: GM-CSF-Her-2 fusion protein; Fig. 8

US-09-146-283-4

Query Match 49.7%; Score 174; DB 1; Length 782;

Best Local Similarity 51.9%;

Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58

Db 498 NRPEDECVGEGLACHQLCARGHCWGPPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 70

US-08-579-823A-4

; Sequence 4, Application US/08579823A

; Patent No. 6080409

; GENERAL INFORMATION:

; APPLICANT: Laus, Reiner

; APPLICANT: Ruegg, Curtis L.

; APPLICANT: Wu, Hongyu

; TITLE OF INVENTION: Immunostimulatory Composition and Method

; NUMBER OF SEQUENCES: 10

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Dehlinger & Associates

; STREET: 350 Cambridge Ave. Suite 250

; CITY: Palo Alto

; STATE: CA

; COUNTRY: USA

; ZIP: 94306

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/579,823A

; FILING DATE: 03-DEC-1998

; CLASSIFICATION: 536

; ATTORNEY/AGENT INFORMATION:

; NAME: Judge, Linda R.

; REGISTRATION NUMBER: 42,702

; REFERENCE/DOCKET NUMBER: 7636-0010

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 650-324-0880

; TELEFAX: 650-324-0960

; INFORMATION FOR SEQ ID NO: 4:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 782 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

; HYPOTHETICAL: NO

; ORIGINAL SOURCE:

; ORGANISM: homo sapiens

; INDIVIDUAL ISOLATE: GM-CSF-Her-2 fusion protein; Fig. 8

US-08-579-823A-4

Query Match 49.7%; Score 174; DB 2; Length 782;

Best Local Similarity 51.9%;

Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRDCVAEGKVC DPLCSSGGCWGP GPQCLSCRNYSRGGVCVTHCNFLNGEP 58

Db 498 NRPEDECVGEGLACHQLCARGHCWGPPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 71

US-09-344-195-4

; Sequence 4, Application US/09344195  
; Patent No. 6210662  
; GENERAL INFORMATION:  
; APPLICANT: Laus, Reiner  
; Ruegg, Curtis L.  
; Wu, Hongyu  
; TITLE OF INVENTION: Immunostimulatory Compositions  
; NUMBER OF SEQUENCES: 10  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Dehlinger & Associates  
; STREET: 350 Cambridge Ave. Suite 250  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94306  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/344,195  
; FILING DATE: 24-Jun-1999  
; CLASSIFICATION: <Unknown>  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/09/146,283  
; FILING DATE: 03-SEPT-1998  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Judge, Linda R.  
; REGISTRATION NUMBER: 42,702  
; REFERENCE/DOCKET NUMBER: 7636-0010.21  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650-324-0880  
; TELEFAX: 650-324-0960  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 782 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; HYPOTHETICAL: NO  
; ORIGINAL SOURCE:  
; ORGANISM: homo sapiens  
; INDIVIDUAL ISOLATE: GM-CSF-Her-2 fusion protein; Fig. 8  
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
US-09-344-195-4

Query Match	49.7%;	Score 174;	DB 2;	Length 782;	
Best Local Similarity	51.9%;				
Matches	28;	Conservative	5;	Mismatches	21;
				Indels	0;
				Gaps	0;
Qy	5	NRPRRDCVAEGKVC	DPLCSSGGC	WGP	PGQCLSCRNY
		:          :	::	:	
Db	498	NRPEDECVGEGLACH	QLCARGHC	WGP	GPTQCVNCSQ
					FLRGQECVEE
					CRVLQGLP
					551

RESULT 72

US-09-493-480-6  
; Sequence 6, Application US/09493480  
; Patent No. 7198920  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; APPLICANT: Gheysen, Dirk  
; APPLICANT: Corixa Corporation  
; APPLICANT: SmithKline Beecham Biologicals S. A.  
; TITLE OF INVENTION: HER-2/neu Fusion Proteins  
; FILE REFERENCE: 014058-009810PC  
; CURRENT APPLICATION NUMBER: US/09/493,480  
; CURRENT FILING DATE: 2000-01-28  
; PRIOR APPLICATION NUMBER: US 60/117,976  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 6  
; LENGTH: 919  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:fusion protein  
; OTHER INFORMATION: of ECD and PD of human HER-2/neu  
US-09-493-480-6

Query Match 49.7%; Score 174; DB 3; Length 919;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRDCAEKGKVCPLCSSGGCWGPQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPQTCVNCQFLRGQECVVEECRVLQGLP 551

RESULT 73

US-09-632-507A-6  
; Sequence 6, Application US/09632507A  
; Patent No. 7229623  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; APPLICANT: Gheysen, Dirk  
; APPLICANT: Corixa Corporation  
; APPLICANT: SmithKline Beecham Biologicals S. A.  
; TITLE OF INVENTION: Her-2/neu Fusion Proteins  
; FILE REFERENCE: 014058-009820US  
; CURRENT APPLICATION NUMBER: US/09/632,507A  
; CURRENT FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: US 60/117,976  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: US 09/493,480  
; PRIOR FILING DATE: 2000-01-28  
; NUMBER OF SEQ ID NOS: 32  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 6

; LENGTH: 919  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:fusion protein  
; OTHER INFORMATION: of ECD and PD of human Her-2/neu  
US-09-632-507A-6

Query Match 49.7%; Score 174; DB 3; Length 919;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVEECRVLQGLP 551

RESULT 74  
US-09-854-356-6  
; Sequence 6, Application US/09854356  
; Patent No. 7375091  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; APPLICANT: Gheysen, Dirk  
; APPLICANT: Corixa Corporation  
; APPLICANT: SmithKline Beecham Biologicals S. A.  
; TITLE OF INVENTION: HER-2/neu Fusion Proteins  
; FILE REFERENCE: 014058-009810PC  
; CURRENT APPLICATION NUMBER: US/09/854,356  
; CURRENT FILING DATE: 2001-05-09  
; PRIOR APPLICATION NUMBER: US 09/493,480  
; PRIOR FILING DATE: 2000-01-28  
; PRIOR APPLICATION NUMBER: US 60/117,976  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 6  
; LENGTH: 919  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:fusion protein  
; OTHER INFORMATION: of ECD and PD of human HER-2/neu  
US-09-854-356-6

Query Match 49.7%; Score 174; DB 3; Length 919;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVEECRVLQGLP 551

RESULT 75  
US-10-146-473-72  
; Sequence 72, Application US/10146473

; Patent No. 7335467  
; GENERAL INFORMATION:  
; APPLICANT: Scanlan, Matthew  
; APPLICANT: Gout, Ivan  
; APPLICANT: Stockert, Elisabeth  
; APPLICANT: Gure, Ali  
; APPLICANT: Chen, Yao-Tseng  
; APPLICANT: Old, Lloyd  
; TITLE OF INVENTION: Breast Cancer Antigens  
; FILE REFERENCE: L00461/70130(JRV)  
; CURRENT APPLICATION NUMBER: US/10/146,473  
; CURRENT FILING DATE: 2002-05-15  
; PRIOR APPLICATION NUMBER: US 60/291,150  
; PRIOR FILING DATE: 2001-05-15  
; NUMBER OF SEQ ID NOS: 82  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 72  
; LENGTH: 1253  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-146-473-72

Query Match 49.7%; Score 174; DB 3; Length 1253;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | || |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPPTQCVNCSQFLRGQECVEECRVLQGLP 551

RESULT 76  
US-08-625-101-2  
; Sequence 2, Application US/08625101  
; Patent No. 5869445  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; APPLICANT: Disis, Mary L.  
; TITLE OF INVENTION: COMPOUNDS FOR ELICITING OR ENHANCING IMMUNE  
; TITLE OF INVENTION: REACTIVITY TO HER-2/neu PROTEIN FOR PREVENTION  
; TITLE OF INVENTION: OR TREATMENT OF MALIGNANCIES IN WHICH THE HER-2/neu  
; TITLE OF INVENTION: ONCOGENE IS ASSOCIATED  
; NUMBER OF SEQUENCES: 4  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SEED and BERRY LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: USA  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/625,101

; FILING DATE: 01-APR-1996  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sharkey, Richard G.  
; REGISTRATION NUMBER: 32,629  
; REFERENCE/DOCKET NUMBER: 920010.448C7  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1255 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-625-101-2

Query Match 49.7%; Score 174; DB 1; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 77

US-08-356-786-2

; Sequence 2, Application US/08356786  
; Patent No. 5877305  
; GENERAL INFORMATION:  
; APPLICANT: Huston, James S.  
; APPLICANT: Oppermann, Hermann  
; APPLICANT: Houston, L. L.  
; APPLICANT: Ring, David B.  
; TITLE OF INVENTION: Biosynthetic Binding Protein for Cancer  
; TITLE OF INVENTION: Marker  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Edmund R. Pitcher, Testa, Hurwitz, & Thibeault  
; STREET: Exchange Place, 53 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
;  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/356,786  
; FILING DATE:  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 07/831,967  
; FILING DATE: 06-FEB-1992



; ATTORNEY/AGENT INFORMATION:  
; NAME: Pitcher, Edmund R.  
; REGISTRATION NUMBER: 27,829  
; REFERENCE/DOCKET NUMBER: CRP-053  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 248-7000  
; TELEFAX: (617) 248-7100  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1255 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein

US-08-356-786-2

Query Match 49.7%; Score 174; DB 1; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | || |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 78

US-09-527-487-2  
; Sequence 2, Application US/09527487  
; Patent No. 6528060  
; GENERAL INFORMATION:  
; APPLICANT: Nicolette, Charles  
; TITLE OF INVENTION: HER2 ANTIGENIC PEPTIDES  
; FILE REFERENCE: 126881309200  
; CURRENT APPLICATION NUMBER: US/09/527,487  
; CURRENT FILING DATE: 2000-03-16  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 2  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-527-487-2

Query Match 49.7%; Score 174; DB 2; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | || |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 79

US-09-811-115-3  
; Sequence 3, Application US/09811115  
; Patent No. 6632979  
; GENERAL INFORMATION:  
; APPLICANT: Erickson, Sharon

; APPLICANT: Schwall, Ralph  
; APPLICANT: King, Kathleen  
; TITLE OF INVENTION: HER-2 TRANSGENIC NON-HUMAN TUMOR MODEL  
; FILE REFERENCE: GENENT.034A  
; CURRENT APPLICATION NUMBER: US/09/811,115  
; CURRENT FILING DATE: 2001-03-16  
; PRIOR APPLICATION NUMBER: 60/189,844  
; PRIOR FILING DATE: 2000-03-16  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 3  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-811-115-3

Query Match 49.7%; Score 174; DB 2; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 80  
US-09-441-411-6  
; Sequence 6, Application US/09441411  
; Patent No. 6734172  
; GENERAL INFORMATION:  
; APPLICANT: Scholler, Nathalie B.  
; APPLICANT: Disis, Mary L.  
; APPLICANT: Hellstrom, Ingegerd  
; APPLICANT: Hellstrom, Karl Erik  
; TITLE OF INVENTION: SURFACE RECEPTOR ANTIGEN VACCINES  
; FILE REFERENCE: 730033.409  
; CURRENT APPLICATION NUMBER: US/09/441,411  
; CURRENT FILING DATE: 1999-11-16  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 6  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-441-411-6

Query Match 49.7%; Score 174; DB 2; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 81  
US-09-167-516-2

; Sequence 2, Application US/09167516  
; Patent No. 6953573  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; APPLICANT: Disis, Mary L.  
; TITLE OF INVENTION: COMPOUNDS FOR ELICITING OR ENHANCING IMMUNE  
; TITLE OF INVENTION: REACTIVITY TO HER-2/neu PROTEIN FOR PREVENTION  
; TITLE OF INVENTION: OR TREATMENT OF MALIGNANCIES IN WHICH THE HER-2/neu  
; TITLE OF INVENTION: ONCOGENE IS ASSOCIATED  
; NUMBER OF SEQUENCES: 4  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: SEED and BERRY LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: USA  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/167,516  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/625,101  
; FILING DATE: 01-APR-1996  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sharkey, Richard G.  
; REGISTRATION NUMBER: 32,629  
; REFERENCE/DOCKET NUMBER: 920010.448C7  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1255 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-09-167-516-2

Query Match 49.7%; Score 174; DB 2; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVCDFLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | || |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVEECRVLQGLP 551

RESULT 82  
US-09-806-703A-4  
; Sequence 4, Application US/09806703A  
; Patent No. 7005498

; GENERAL INFORMATION:  
; APPLICANT: Steinaa, Lucilla  
; APPLICANT: Mouritsen, Soren  
; APPLICANT: Gautam, Anand  
; APPLICANT: Dalum, Iben  
; APPLICANT: Haaning, Jesper  
; APPLICANT: Leach, Dana  
; APPLICANT: Nielsen, Klaus  
; APPLICANT: Karlsson, Gunilla  
; APPLICANT: Rasmussen, Peter  
; TITLE OF INVENTION: No. 7005498el Methods for Therapeutic Vaccination  
; FILE REFERENCE: 3631-0109P  
; CURRENT APPLICATION NUMBER: US/09/806,703A  
; CURRENT FILING DATE: 2001-04-04  
; PRIOR APPLICATION NUMBER: PCT/DK99/00525  
; PRIOR FILING DATE: 1999-10-05  
; PRIOR APPLICATION NUMBER: DK 1998 01261  
; PRIOR FILING DATE: 1998-10-05  
; PRIOR APPLICATION NUMBER: US 60/105,011  
; PRIOR FILING DATE: 1998-10-20  
; NUMBER OF SEQ ID NOS: 41  
; SOFTWARE: PatentIn Ver. 3.0  
; SEQ ID NO 4  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-806-703A-4

Query Match 49.7%; Score 174; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRDCVAEGKVC DPLCSSGGCWGP GPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 83  
US-09-811-123-9  
; Sequence 9, Application US/09811123  
; Patent No. 7097840  
; GENERAL INFORMATION:  
; APPLICANT: Sharon Erickson  
; APPLICANT: Ralph Schwall  
; APPLICANT: Mark Sliwkowski  
; TITLE OF INVENTION: METHODS OF TREATMENT USING ANTI-ErbB  
; TITLE OF INVENTION: ANTIBODY-MAYTANSINOID CONJUGATES  
; FILE REFERENCE: GENENT.073A2  
; CURRENT APPLICATION NUMBER: US/09/811,123  
; CURRENT FILING DATE: 2001-03-16  
; PRIOR APPLICATION NUMBER: 60/238,327  
; PRIOR FILING DATE: 2000-10-05  
; PRIOR APPLICATION NUMBER: 09/602,530  
; PRIOR FILING DATE: 2000-06-23  
; NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 9

; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-811-123-9

Query Match 49.7%; Score 174; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVEECRVLQGLP 551

RESULT 84  
US-10-272-437B-28  
; Sequence 28, Application US/10272437B  
; Patent No. 7098302  
; GENERAL INFORMATION:  
; APPLICANT: Krag, David N.  
; APPLICANT: Pero, Stephanie C.  
; APPLICANT: Oligino, Lyn  
; TITLE OF INVENTION: BINDING PEPTIDES SPECIFIC FOR THE EXTRACELLULAR DOMAIN OF ERBB2 AND  
; TITLE OF INVENTION: USES THEREFOR  
; FILE REFERENCE: V0139.70056US00  
; CURRENT APPLICATION NUMBER: US/10/272,437B  
; CURRENT FILING DATE: 2002-10-15  
; PRIOR APPLICATION NUMBER: 60/329,183  
; PRIOR FILING DATE: 2001-10-12  
; NUMBER OF SEQ ID NOS: 47  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 28  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-272-437B-28

Query Match 49.7%; Score 174; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVEECRVLQGLP 551

RESULT 85  
US-10-207-498-6  
; Sequence 6, Application US/10207498  
; Patent No. 7125680  
; GENERAL INFORMATION:  
; APPLICANT: Elizabeth Singer  
; APPLICANT: Ralf Landgraf  
; APPLICANT: Dennis J. Slamon  
; APPLICANT: David Eisenberg  
; TITLE OF INVENTION: METHODS AND MATERIALS FOR CHARACTERIZING  
; TITLE OF INVENTION: AND MODULATING INTERACTIONS BETWEEN HERGULIN AND HER3

; FILE REFERENCE: 30448.103-US-U1  
; CURRENT APPLICATION NUMBER: US/10/207,498  
; CURRENT FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: 60/308,431  
; PRIOR FILING DATE: 2001-07-27  
; NUMBER OF SEQ ID NOS: 24  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 6  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-207-498-6

Query Match 49.7%; Score 174; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | || |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 86  
US-10-322-892-4  
; Sequence 4, Application US/10322892  
; Patent No. 7133725  
; GENERAL INFORMATION:  
; APPLICANT: STIRBL, ROBERT C.  
; APPLICANT: SNEAD, MALCOLM L.  
; APPLICANT: XU, JIMMY  
; APPLICANT: VITETTA, ELLEN S.  
; APPLICANT: WILK, PETER J.  
; TITLE OF INVENTION: METHOD AND RELATED COMPOSITION EMPLOYING NANOSTRUCTURES  
; FILE REFERENCE: W07-505  
; CURRENT APPLICATION NUMBER: US/10/322,892  
; CURRENT FILING DATE: 2002-12-18  
; PRIOR APPLICATION NUMBER: 60/342,894  
; PRIOR FILING DATE: 2001-12-19  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 4  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-322-892-4

Query Match 49.7%; Score 174; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | || |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 87  
US-10-253-286-553

; Sequence 553, Application US/10253286  
; Patent No. 7179645  
; GENERAL INFORMATION:  
; APPLICANT: HUMPHREYS, ROBERT  
; APPLICANT: XU, MINZHEN  
; TITLE OF INVENTION: Ii-KEY/ANTIGENIC EPITOPE HYBRID PEPTIDE VACCINES  
; FILE REFERENCE: REH-2015  
; CURRENT APPLICATION NUMBER: US/10/253,286  
; CURRENT FILING DATE: 2003-01-13  
; PRIOR APPLICATION NUMBER: 10/197,000  
; PRIOR FILING DATE: 2002-07-17  
; PRIOR APPLICATION NUMBER: 09/396,813  
; PRIOR FILING DATE: 1999-09-14  
; NUMBER OF SEQ ID NOS: 905  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 553  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-253-286-553

Query Match 49.7%; Score 174; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | |||  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 88  
US-09-493-480-1  
; Sequence 1, Application US/09493480  
; Patent No. 7198920  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; APPLICANT: Gheysen, Dirk  
; APPLICANT: Corixa Corporation  
; APPLICANT: SmithKline Beecham Biologicals S. A.  
; TITLE OF INVENTION: HER-2/neu Fusion Proteins  
; FILE REFERENCE: 014058-009810PC  
; CURRENT APPLICATION NUMBER: US/09/493,480  
; CURRENT FILING DATE: 2000-01-28  
; PRIOR APPLICATION NUMBER: US 60/117,976  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: human HER-2/neu protein  
; NAME/KEY: DOMAIN  
; LOCATION: (1)..(653)  
; OTHER INFORMATION: extracellular domain (ECD)  
; NAME/KEY: DOMAIN

; LOCATION: (676)..(1255)  
; OTHER INFORMATION: intracellular domain (ICD)  
; NAME/KEY: DOMAIN  
; LOCATION: (990)..(1255)  
; OTHER INFORMATION: phosphorylation domain (PD)  
; NAME/KEY: DOMAIN  
; LOCATION: (990)..(1048)  
; OTHER INFORMATION: fragment of the phosphorylation domain, preferred  
; OTHER INFORMATION: portion (delta PD)  
US-09-493-480-1

Query Match 49.7%; Score 174; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 89  
US-10-394-322A-17  
; Sequence 17, Application US/10394322A  
; Patent No. 7202033  
; GENERAL INFORMATION:  
; APPLICANT: SUNESIS PHARMACEUTICALS, INC.  
; APPLICANT: Prescott, John C.  
; TITLE OF INVENTION: IDENTIFICATION OF KINASE INHIBITORS  
; FILE REFERENCE: 39750-0006 US  
; CURRENT APPLICATION NUMBER: US/10/394,322A  
; CURRENT FILING DATE: 2003-03-20  
; PRIOR APPLICATION NUMBER: US 60/366,892  
; PRIOR FILING DATE: 2002-03-21  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 17  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-394-322A-17

Query Match 49.7%; Score 174; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 90  
US-09-632-507A-1  
; Sequence 1, Application US/09632507A  
; Patent No. 7229623  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; APPLICANT: Gheysen, Dirk



; APPLICANT: Corixa Corporation  
; APPLICANT: SmithKline Beecham Biologicals S. A.  
; TITLE OF INVENTION: Her-2/neu Fusion Proteins  
; FILE REFERENCE: 014058-009820US  
; CURRENT APPLICATION NUMBER: US/09/632,507A  
; CURRENT FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: US 60/117,976  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: US 09/493,480  
; PRIOR FILING DATE: 2000-01-28  
; NUMBER OF SEQ ID NOS: 32  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: human Her-2/neu protein  
; NAME/KEY: DOMAIN  
; LOCATION: (1)..(653)  
; OTHER INFORMATION: extracellular domain (ECD)  
; NAME/KEY: DOMAIN  
; LOCATION: (676)..(1255)  
; OTHER INFORMATION: intracellular domain (ICD)  
; NAME/KEY: DOMAIN  
; LOCATION: (990)..(1255)  
; OTHER INFORMATION: phosphorylation domain (PD)  
; NAME/KEY: DOMAIN  
; LOCATION: (990)..(1048)  
; OTHER INFORMATION: fragment of the phosphorylation domain, preferred  
; OTHER INFORMATION: portion (delta PD)

US-09-632-507A-1

Query Match 49.7%; Score 174; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGP GPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGP GPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 91

US-10-541-270A-2

; Sequence 2, Application US/10541270A  
; Patent No. 7282365  
; GENERAL INFORMATION:  
; APPLICANT: Monaci, Paolo  
; APPLICANT: Nuzzo, Maurizio  
; APPLICANT: La Monica, Nicola  
; APPLICANT: Ciliberto, Gennaro  
; APPLICANT: Lahm, Armin  
; TITLE OF INVENTION: RHESUS HER2/NEU, NUCLEOTIDES ENCODING  
; TITLE OF INVENTION: SAME AND USES THEREOF  
; FILE REFERENCE: ITR0043YP  
; CURRENT APPLICATION NUMBER: US/10/541,270A  
; CURRENT FILING DATE: 2005-07-01

; PRIOR APPLICATION NUMBER: PCT/EP03/14997  
; PRIOR FILING DATE: 2003-12-29  
; PRIOR APPLICATION NUMBER: 60/437,846  
; PRIOR FILING DATE: 2003-01-03  
; NUMBER OF SEQ ID NOS: 43  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 2  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Rhesus Monkey  
US-10-541-270A-2

Query Match 49.7%; Score 174; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGP GPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 92  
US-11-406-679-6  
; Sequence 6, Application US/11406679  
; Patent No. 7314916  
; GENERAL INFORMATION:  
; APPLICANT: Elizabeth Singer  
; APPLICANT: Ralf Landgraf  
; APPLICANT: Dennis J. Slamon  
; APPLICANT: David Eisenberg  
; TITLE OF INVENTION: METHODS AND MATERIALS FOR CHARACTERIZING  
; TITLE OF INVENTION: AND MODULATING INTERACTIONS BETWEEN HEREGULIN AND HER3  
; FILE REFERENCE: 30448.103-US-U1  
; CURRENT APPLICATION NUMBER: US/11/406,679  
; CURRENT FILING DATE: 2006-04-19  
; PRIOR APPLICATION NUMBER: US/10/207,498  
; PRIOR FILING DATE: 2002-07-29  
; PRIOR APPLICATION NUMBER: 60/308,431  
; PRIOR FILING DATE: 2001-07-27  
; NUMBER OF SEQ ID NOS: 24  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 6  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-406-679-6

Query Match 49.7%; Score 174; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGP GPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 93

US-10-469-162-3  
; Sequence 3, Application US/10469162  
; Patent No. 7348010  
; GENERAL INFORMATION:  
; APPLICANT: Zielinski, Christoph  
; APPLICANT: Pehamberger, Hubert  
; APPLICANT: Breiteneder, Heimo  
; APPLICANT: Jensen-Jarolim, Erika  
; APPLICANT: Scheiner, Otto  
; TITLE OF INVENTION: Vaccines Against Cancerous Diseases Associated With the HER-2/neu  
; TITLE OF INVENTION: oncogene  
; FILE REFERENCE: K 38 132/3yv  
; CURRENT APPLICATION NUMBER: US/10/469,162  
; CURRENT FILING DATE: 2003-08-27  
; PRIOR APPLICATION NUMBER: PCT/EP02/02111  
; PRIOR FILING DATE: 2002-02-27  
; PRIOR APPLICATION NUMBER: EP 01104943.4  
; PRIOR FILING DATE: 2001-02-28  
; NUMBER OF SEQ ID NOS: 3  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 3  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: homo sapiens  
; FEATURE:  
; NAME/KEY: DOMAIN  
; LOCATION: (1)..(675)  
; OTHER INFORMATION: Extracellular Domain  
US-10-469-162-3

Query Match 49.7%; Score 174; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;  
  
Qy 5 NRPRRDCVAEGKVCDFLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | |||  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVEECRVLQGLP 551

RESULT 94  
US-09-854-356-1  
; Sequence 1, Application US/09854356  
; Patent No. 7375091  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; APPLICANT: Gheysen, Dirk  
; APPLICANT: Corixa Corporation  
; APPLICANT: SmithKline Beecham Biologicals S. A.  
; TITLE OF INVENTION: HER-2/neu Fusion Proteins  
; FILE REFERENCE: 014058-009810PC  
; CURRENT APPLICATION NUMBER: US/09/854,356  
; CURRENT FILING DATE: 2001-05-09  
; PRIOR APPLICATION NUMBER: US 09/493,480  
; PRIOR FILING DATE: 2000-01-28  
; PRIOR APPLICATION NUMBER: US 60/117,976  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 26

; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: human HER-2/neu protein  
; NAME/KEY: DOMAIN  
; LOCATION: (1)..(653)  
; OTHER INFORMATION: extracellular domain (ECD)  
; NAME/KEY: DOMAIN  
; LOCATION: (676)..(1255)  
; OTHER INFORMATION: intracellular domain (ICD)  
; NAME/KEY: DOMAIN  
; LOCATION: (990)..(1255)  
; OTHER INFORMATION: phosphorylation domain (PD)  
; NAME/KEY: DOMAIN  
; LOCATION: (990)..(1048)  
; OTHER INFORMATION: fragment of the phosphorylation domain, preferred  
; OTHER INFORMATION: portion (delta PD)

US-09-854-356-1

Query Match 49.7%; Score 174; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | |||  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPPTQCVNCSQFLRGQECVEECRVLQGLP 551

RESULT 95

US-09-638-834E-37

; Sequence 37, Application US/09638834E  
; Patent No. 7396810  
; GENERAL INFORMATION:  
; APPLICANT: Clinton, Gail M.  
; TITLE OF INVENTION: EXPRESSION OF HERSTATIN, AN ALTERNATIVE TO HER-2/NEU PRODUCT, IN  
; TITLE OF INVENTION: CELLS THAT EXPRESS EITHER p185HER-2 OR THE EGF RECEPTOR INHIBITS  
; TITLE OF INVENTION: RECEPTOR ACTIVITY AND CELL GROWTH  
; FILE REFERENCE: 49321-12  
; CURRENT APPLICATION NUMBER: US/09/638,834E  
; CURRENT FILING DATE: 2000-08-14  
; NUMBER OF SEQ ID NOS: 38  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 37  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; PUBLICATION INFORMATION:  
; AUTHORS: Coussens, L., Yang-Feng, T.L., Liao, Y.-C., Chen, E., Gray, A.,  
; TITLE: Tyrosine kinase receptor with extensive homology to EGF receptor  
; JOURNAL: Science  
; VOLUME: 230  
; ISSUE: 4730  
; PAGES: 1132-1139  
; DATE: 1985-06-12

US-09-638-834E-37

Query Match 49.7%; Score 174; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 96  
US-10-484-067-1  
; Sequence 1, Application US/10484067  
; Patent No. 7446185  
; GENERAL INFORMATION:  
; APPLICANT: UNIVERSITY OF CALIFORNIA  
; APPLICANT: NELSON, Edward L.  
; TITLE OF INVENTION: HER2/NEU TARGET ANTIGEN AND USE OF SAME TO STIMULATE AN IMMUNE RESPONSE  
; FILE REFERENCE: UCI1170-1  
; CURRENT APPLICATION NUMBER: US/10/484,067  
; CURRENT FILING DATE: 2004-01-15  
; PRIOR APPLICATION NUMBER: PCT/US02/22975  
; PRIOR FILING DATE: 2002-07-18  
; PRIOR APPLICATION NUMBER: US 60/306,250  
; PRIOR FILING DATE: 2001-07-18  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 1  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-484-067-1

Query Match 49.7%; Score 174; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 97  
US-10-983-340-17  
; Sequence 17, Application US/10983340  
; Patent No. 7498298  
; GENERAL INFORMATION:  
; APPLICANT: Doronina, Svetlana O.  
; APPLICANT: Toki, Brian E.  
; APPLICANT: Senter, Peter D.  
; APPLICANT: Ebens, Allen J.  
; APPLICANT: Polakis, Paul  
; APPLICANT: Sliwkowski, Mark X.  
; APPLICANT: Spencer, Susan D.  
; APPLICANT: Kline, Toni Beth

; TITLE OF INVENTION: MONOMETHYLVALINE COMPOUNDS CAPABLE OF CONJUGATION TO LIGANDS  
; FILE REFERENCE: 018891-001020US  
; CURRENT APPLICATION NUMBER: US/10/983,340  
; CURRENT FILING DATE: 2004-11-05  
; PRIOR APPLICATION NUMBER: US 60/598,899  
; PRIOR FILING DATE: 2004-08-04  
; PRIOR APPLICATION NUMBER: US 60/557,116  
; PRIOR FILING DATE: 2004-03-26  
; PRIOR APPLICATION NUMBER: US 60/518,534  
; PRIOR FILING DATE: 2003-11-06  
; NUMBER OF SEQ ID NOS: 35  
; SEQ ID NO 17  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapien  
US-10-983-340-17

Query Match 49.7%; Score 174; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 98  
US-10-503-486-5  
; Sequence 5, Application US/10503486  
; Patent No. 7514240  
; GENERAL INFORMATION:  
; APPLICANT: Japan Science and Technology Corporation  
; APPLICANT: Riken  
; APPLICANT: Mochida Pharmaceutical CO., LTD.  
; TITLE OF INVENTION: EGF/EGFR Complex  
; FILE REFERENCE: PH-1639-PCT  
; CURRENT APPLICATION NUMBER: US/10/503,486  
; CURRENT FILING DATE: 2004-08-05  
; PRIOR APPLICATION NUMBER: JP 2002-28780  
; PRIOR FILING DATE: 2002-02-05  
; NUMBER OF SEQ ID NOS: 15  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 5  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-503-486-5

Query Match 49.7%; Score 174; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 99

US-10-563-888A-6  
; Sequence 6, Application US/10563888A  
; Patent No. 7531649  
; GENERAL INFORMATION:  
; APPLICANT: Chi-Hong B. Chen  
; APPLICANT: Ralf Landgraf  
; TITLE OF INVENTION: APTAMERS TO HUMAN EPIDERMAL GROWTH  
; TITLE OF INVENTION: FACTOR RECEPTOR-3  
; FILE REFERENCE: 30448108USWO  
; CURRENT APPLICATION NUMBER: US/10/563,888A  
; CURRENT FILING DATE: 2006-01-09  
; PRIOR APPLICATION NUMBER: 60/488,679  
; PRIOR FILING DATE: 2003-07-18  
; PRIOR APPLICATION NUMBER: PCT/US04/23039  
; PRIOR FILING DATE: 2004-07-16  
; NUMBER OF SEQ ID NOS: 20  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 6  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-563-888A-6

Query Match 49.7%; Score 174; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGP GPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGP GPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 100

US-10-762-128-6  
; Sequence 6, Application US/10762128  
; Patent No. 7547681  
; GENERAL INFORMATION:  
; APPLICANT: Scholler, Nathalie B.  
; APPLICANT: Disis, Mary L.  
; APPLICANT: Hellstrom, Ingegerd  
; APPLICANT: Hellstrom, Karl Erik  
; TITLE OF INVENTION: SURFACE RECEPTOR ANTIGEN VACCINES  
; FILE REFERENCE: 730033.409C1  
; CURRENT APPLICATION NUMBER: US/10/762,128  
; CURRENT FILING DATE: 2004-01-20  
; PRIOR APPLICATION NUMBER: US 09/441,411  
; PRIOR FILING DATE: 1999-11-16  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 6  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-762-128-6

Query Match 49.7%; Score 174; DB 3; Length 1255;

Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGP GPTQCVNCSQFLRGQECVVEECRVLQGLP 551

## RESULT 101

US-11-488-545-9

; Sequence 9, Application US/11488545  
; Patent No. 7575748  
; GENERAL INFORMATION:  
; APPLICANT: Sharon Erickson  
; APPLICANT: Ralph Schwall  
; APPLICANT: Mark Sliwkowski  
; TITLE OF INVENTION: METHODS OF TREATMENT USING ANTI-ErbB  
; TITLE OF INVENTION: ANTIBODY-MAYTANSINOID CONJUGATES  
; FILE REFERENCE: GENENT.073A2  
; CURRENT APPLICATION NUMBER: US/11/488,545  
; CURRENT FILING DATE: 2006-07-17  
; PRIOR APPLICATION NUMBER: 60/238,327  
; PRIOR FILING DATE: 2000-10-05  
; PRIOR APPLICATION NUMBER: 09/602,530  
; PRIOR FILING DATE: 2000-06-23  
; NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 9  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-488-545-9

Query Match 49.7%; Score 174; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGP GPTQCVNCSQFLRGQECVVEECRVLQGLP 551

## RESULT 102

US-10-794-514B-1

; Sequence 1, Application US/10794514B  
; Patent No. 7597894  
; GENERAL INFORMATION  
; APPLICANT: Graddis, Thomas  
; APPLICANT: Laus, Reiner  
; APPLICANT: Diegel, Michael  
; APPLICANT: Vidovic, Damir  
; TITLE OF INVENTION: Compositions and Methods Employing Alternative Reading Frame  
; TITLE OF INVENTION: Polypeptides for the Treatment of Cancer and Infectious Disease  
; FILE REFERENCE: 57636-8128.US00  
; CURRENT APPLICATION NUMBER: US/10/794,514B  
; CURRENT FILING DATE: 2004-03-05  
; PRIOR APPLICATION NUMBER: US 60/453,131



; PRIOR FILING DATE: 2003-03-05  
; NUMBER OF SEQ ID NOS: 738  
; SOFTWARE: PatentIn version 3.5  
; SEQ ID NO 1  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-794-514B-1

Query Match 49.7%; Score 174; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVCDFLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVEECRVLQGLP 551

RESULT 103  
US-10-344-470A-37  
; Sequence 37, Application US/10344470A  
; Patent No. 7608269  
; GENERAL INFORMATION:  
; APPLICANT: Clinton, Gail M.  
; TITLE OF INVENTION: EXPRESSION OF HERSTATIN, AN ALTERNATIVE TO HER-2/NEU PRODUCT, IN  
; TITLE OF INVENTION: CELLS THAT EXPRESS EITHER p185HER-2 OR THE EGF RECEPTOR INHIBITS  
; TITLE OF INVENTION: RECEPTOR ACTIVITY AND CELL GROWTH  
; FILE REFERENCE: 49321-81  
; CURRENT APPLICATION NUMBER: US/10/344,470A  
; CURRENT FILING DATE: 2003-09-05  
; PRIOR APPLICATION NUMBER: US 09/638,834  
; PRIOR FILING DATE: 2000-08-14  
; PRIOR APPLICATION NUMBER: PCT/US01/25502  
; PRIOR FILING DATE: 2001-08-14  
; NUMBER OF SEQ ID NOS: 38  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 37  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; PUBLICATION INFORMATION:  
; AUTHORS: Coussens,L., Yang-Feng,T.L., Liao,Y.-C., Chen,E., Gray,A.,  
; TITLE: Tyrosine kinase receptor with extensive homology to EGF receptor  
; JOURNAL: Science  
; VOLUME: 230  
; ISSUE: 4730  
; PAGES: 1132-1139  
; DATE: 1985-06-12  
US-10-344-470A-37

Query Match 49.7%; Score 174; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVCDFLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVEECRVLQGLP 551

RESULT 104

US-09-506-079I-13  
; Sequence 13, Application US/09506079I  
; Patent No. 7625859  
; GENERAL INFORMATION:  
; APPLICANT: Clinton, Gail M.  
; APPLICANT: Evans, Adam  
; APPLICANT: Henner, William D.  
; TITLE OF INVENTION: HER-2 BINDING ANTAGONISTS  
; FILE REFERENCE: 49321-16  
; CURRENT APPLICATION NUMBER: US/09/506,079I  
; CURRENT FILING DATE: 2000-02-16  
; NUMBER OF SEQ ID NOS: 38  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 13  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; PUBLICATION INFORMATION:  
; AUTHORS: Coussens,L., Yang-Feng,T.L., Liao,Y.-C., Chen,E., Gray,A.,  
; TITLE: Tyrosine kinase receptor with extensive homology to EGF receptor  
; JOURNAL: Science  
; VOLUME: 230  
; ISSUE: 4730  
; PAGES: 1132-1139  
; DATE: 1985-06-12  
US-09-506-079I-13

Query Match 49.7%; Score 174; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVCDFLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | || |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 105

US-12-291-886-2  
; Sequence 2, Application US/12291886  
; Patent No. 7662586  
; GENERAL INFORMATION:  
; APPLICANT: Monaci, Paolo  
; APPLICANT: Gallo, Pasquale  
; APPLICANT: Nuzzo, Maurizio  
; TITLE OF INVENTION: SYNTHETIC GENE ENCODING HUMAN EPIDERMAL  
; TITLE OF INVENTION: GROWTH FACTOR 2/NEU ANTIGEN AND USES THEREOF  
; FILE REFERENCE: ITR0065YP  
; CURRENT APPLICATION NUMBER: US/12/291,886  
; CURRENT FILING DATE: 2008-11-14  
; PRIOR APPLICATION NUMBER: US/10/565,418  
; PRIOR FILING DATE: 2006-01-23  
; PRIOR APPLICATION NUMBER: PCT/EP2004/008234  
; PRIOR FILING DATE: 2004-04-20  
; PRIOR APPLICATION NUMBER: 60/489,237

; PRIOR FILING DATE: 2003-07-21  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 2  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo Sapiens, HER2  
US-12-291-886-2

Query Match 49.7%; Score 174; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVCDFLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 106  
US-11-343-253-4  
; Sequence 4, Application US/11343253  
; Patent No. 7668603  
; GENERAL INFORMATION:  
; APPLICANT: STIRBL, ROBERT C.  
; APPLICANT: SNEAD, MALCOLM L.  
; APPLICANT: XU, JIMMY  
; APPLICANT: VITETTA, ELLEN S.  
; APPLICANT: WILK, PETER J.  
; TITLE OF INVENTION: METHOD AND RELATED COMPOSITION EMPLOYING NANOSTRUCTURES  
; FILE REFERENCE: W07-505DIV  
; CURRENT APPLICATION NUMBER: US/11/343,253  
; CURRENT FILING DATE: 2006-01-26  
; PRIOR APPLICATION NUMBER: 10/322,892  
; PRIOR FILING DATE: 2002-12-18  
; PRIOR APPLICATION NUMBER: 60/342,894  
; PRIOR FILING DATE: 2001-12-19  
; NUMBER OF SEQ ID NOS: 4  
; SOFTWARE: PatentIn Ver. 3.3  
; SEQ ID NO 4  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
US-11-343-253-4

Query Match 49.7%; Score 174; DB 3; Length 1255;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 5; Mismatches 21; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVCDFLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | ||||| ||::| : || || | | |  
Db 498 NRPEDECVGEGLACHQLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 107  
US-09-493-480-8  
; Sequence 8, Application US/09493480

; Patent No. 7198920  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; APPLICANT: Gheysen, Dirk  
; APPLICANT: Corixa Corporation  
; APPLICANT: SmithKline Beecham Biologicals S. A.  
; TITLE OF INVENTION: HER-2/neu Fusion Proteins  
; FILE REFERENCE: 014058-009810PC  
; CURRENT APPLICATION NUMBER: US/09/493,480  
; CURRENT FILING DATE: 2000-01-28  
; PRIOR APPLICATION NUMBER: US 60/117,976  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 8  
; LENGTH: 654  
; TYPE: PRT  
; ORGANISM: Rattus sp.  
; FEATURE:  
; OTHER INFORMATION: extracellular domain (ECD) of rat HER-2/neu  
US-09-493-480-8

Query Match 49.4%; Score 173; DB 3; Length 654;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 6; Mismatches 20; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| || || ||: ||: | ||||| ||::| :: || || | |  
Db 499 NRPEEDCGLEGLVCNSLCAHGHCHWGPPTQCVNCSHFLRGQECVEECRVWKGLP 552

RESULT 108  
US-09-632-507A-8  
; Sequence 8, Application US/09632507A  
; Patent No. 7229623  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; APPLICANT: Gheysen, Dirk  
; APPLICANT: Corixa Corporation  
; APPLICANT: SmithKline Beecham Biologicals S. A.  
; TITLE OF INVENTION: Her-2/neu Fusion Proteins  
; FILE REFERENCE: 014058-009820US  
; CURRENT APPLICATION NUMBER: US/09/632,507A  
; CURRENT FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: US 60/117,976  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: US 09/493,480  
; PRIOR FILING DATE: 2000-01-28  
; NUMBER OF SEQ ID NOS: 32  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 8  
; LENGTH: 654  
; TYPE: PRT  
; ORGANISM: Rattus sp.  
; FEATURE:  
; OTHER INFORMATION: extracellular domain (ECD) of rat Her-2/neu  
US-09-632-507A-8

Query Match 49.4%; Score 173; DB 3; Length 654;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 6; Mismatches 20; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| || || ||: ||: | ||||| ||::| :: || || | |  
Db 499 NRPEEDCGLEGLVCNSLCAHGHWCWGPPTQCVNCSHFLRGQECVVEECRVWKGLP 552

## RESULT 109

US-09-854-356-8

; Sequence 8, Application US/09854356

; Patent No. 7375091

; GENERAL INFORMATION:

; APPLICANT: Cheever, Martin A.

; APPLICANT: Gheysen, Dirk

; APPLICANT: Corixa Corporation

; APPLICANT: SmithKline Beecham Biologicals S. A.

; TITLE OF INVENTION: HER-2/neu Fusion Proteins

; FILE REFERENCE: 014058-009810PC

; CURRENT APPLICATION NUMBER: US/09/854,356

; CURRENT FILING DATE: 2001-05-09

; PRIOR APPLICATION NUMBER: US 09/493,480

; PRIOR FILING DATE: 2000-01-28

; PRIOR APPLICATION NUMBER: US 60/117,976

; PRIOR FILING DATE: 1999-01-29

; NUMBER OF SEQ ID NOS: 26

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 8

; LENGTH: 654

; TYPE: PRT

; ORGANISM: Rattus sp.

; FEATURE:

; OTHER INFORMATION: extracellular domain (ECD) of rat HER-2/neu

US-09-854-356-8

Query Match 49.4%; Score 173; DB 3; Length 654;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 6; Mismatches 20; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| || || ||: ||: | ||||| ||::| :: || || | |  
Db 499 NRPEEDCGLEGLVCNSLCAHGHWCWGPPTQCVNCSHFLRGQECVVEECRVWKGLP 552

## RESULT 110

US-09-493-480-2

; Sequence 2, Application US/09493480

; Patent No. 7198920

; GENERAL INFORMATION:

; APPLICANT: Cheever, Martin A.

; APPLICANT: Gheysen, Dirk

; APPLICANT: Corixa Corporation

; APPLICANT: SmithKline Beecham Biologicals S. A.

; TITLE OF INVENTION: HER-2/neu Fusion Proteins

; FILE REFERENCE: 014058-009810PC

; CURRENT APPLICATION NUMBER: US/09/493,480  
; CURRENT FILING DATE: 2000-01-28  
; PRIOR APPLICATION NUMBER: US 60/117,976  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 2  
; LENGTH: 1256  
; TYPE: PRT  
; ORGANISM: Rattus sp.  
; FEATURE:  
; OTHER INFORMATION: rat HER-2/neu protein  
; NAME/KEY: DOMAIN  
; LOCATION: (1)..(654)  
; OTHER INFORMATION: extracellular domain (ECD)  
; NAME/KEY: DOMAIN  
; LOCATION: (677)..(1256)  
; OTHER INFORMATION: intracellular domain (ICD)  
; NAME/KEY: DOMAIN  
; LOCATION: (721)..(998)  
; OTHER INFORMATION: kinase domain (KD)  
; NAME/KEY: DOMAIN  
; LOCATION: (991)..(1256)  
; OTHER INFORMATION: phosphorylation domain (PD)  
; NAME/KEY: DOMAIN  
; LOCATION: (991)..(1049)  
; OTHER INFORMATION: fragment of the phosphorylation domain, preferred  
; OTHER INFORMATION: portion (delta PD)

US-09-493-480-2

Query Match 49.4%; Score 173; DB 3; Length 1256;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 6; Mismatches 20; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVCDFLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| || || ||: ||: | ||||| ||::| :: || || | |  
Db 499 NRPEEDCGLEGLVCNSLCAHGHWCWGPPTQCVNCSHFLRGQECVEECRVWKGLP 552

RESULT 111

US-09-632-507A-2

; Sequence 2, Application US/09632507A  
; Patent No. 7229623  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; APPLICANT: Gheysen, Dirk  
; APPLICANT: Corixa Corporation  
; APPLICANT: SmithKline Beecham Biologicals S. A.  
; TITLE OF INVENTION: Her-2/neu Fusion Proteins  
; FILE REFERENCE: 014058-009820US  
; CURRENT APPLICATION NUMBER: US/09/632,507A  
; CURRENT FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: US 60/117,976  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: US 09/493,480  
; PRIOR FILING DATE: 2000-01-28  
; NUMBER OF SEQ ID NOS: 32

; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 2  
; LENGTH: 1256  
; TYPE: PRT  
; ORGANISM: Rattus sp.  
; FEATURE:  
; OTHER INFORMATION: rat Her-2/neu protein  
; NAME/KEY: DOMAIN  
; LOCATION: (1)..(654)  
; OTHER INFORMATION: extracellular domain (ECD)  
; NAME/KEY: DOMAIN  
; LOCATION: (677)..(1256)  
; OTHER INFORMATION: intracellular domain (ICD)  
; NAME/KEY: DOMAIN  
; LOCATION: (721)..(998)  
; OTHER INFORMATION: kinase domain (KD)  
; NAME/KEY: DOMAIN  
; LOCATION: (991)..(1256)  
; OTHER INFORMATION: phosphorylation domain (PD)  
; NAME/KEY: DOMAIN  
; LOCATION: (991)..(1049)  
; OTHER INFORMATION: fragment of the phosphorylation domain, preferred  
; OTHER INFORMATION: portion (delta PD)  
US-09-632-507A-2

Query Match 49.4%; Score 173; DB 3; Length 1256;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 6; Mismatches 20; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| || || ||: ||: | ||||| ||::| :: || || | |  
Db 499 NRPEEDCGLEGLVCNSLCAHGHCGWGPPTQCVNCSHFLRGQECVEECRVWKGLP 552

RESULT 112  
US-09-854-356-2  
; Sequence 2, Application US/09854356  
; Patent No. 7375091  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; APPLICANT: Gheysen, Dirk  
; APPLICANT: Corixa Corporation  
; APPLICANT: SmithKline Beecham Biologicals S. A.  
; TITLE OF INVENTION: HER-2/neu Fusion Proteins  
; FILE REFERENCE: 014058-009810PC  
; CURRENT APPLICATION NUMBER: US/09/854,356  
; CURRENT FILING DATE: 2001-05-09  
; PRIOR APPLICATION NUMBER: US 09/493,480  
; PRIOR FILING DATE: 2000-01-28  
; PRIOR APPLICATION NUMBER: US 60/117,976  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 2  
; LENGTH: 1256  
; TYPE: PRT  
; ORGANISM: Rattus sp.

; FEATURE:  
; OTHER INFORMATION: rat HER-2/neu protein  
; NAME/KEY: DOMAIN  
; LOCATION: (1)..(654)  
; OTHER INFORMATION: extracellular domain (ECD)  
; NAME/KEY: DOMAIN  
; LOCATION: (677)..(1256)  
; OTHER INFORMATION: intracellular domain (ICD)  
; NAME/KEY: DOMAIN  
; LOCATION: (721)..(998)  
; OTHER INFORMATION: kinase domain (KD)  
; NAME/KEY: DOMAIN  
; LOCATION: (991)..(1256)  
; OTHER INFORMATION: phosphorylation domain (PD)  
; NAME/KEY: DOMAIN  
; LOCATION: (991)..(1049)  
; OTHER INFORMATION: fragment of the phosphorylation domain, preferred  
; OTHER INFORMATION: portion (delta PD)

US-09-854-356-2

Query Match 49.4%; Score 173; DB 3; Length 1256;  
Best Local Similarity 51.9%;  
Matches 28; Conservative 6; Mismatches 20; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGP GPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| || || ||: ||: | ||||| ||::| :: || || | |  
Db 499 NRPEEDCGLEGLVCNSLCAHGH CWGPGPTQCVNCSHFLRGQECVVEECRVWKGLP 552

RESULT 113

US-10-484-067-2

; Sequence 2, Application US/10484067  
; Patent No. 7446185  
; GENERAL INFORMATION:  
; APPLICANT: UNIVERSITY OF CALIFORNIA  
; APPLICANT: NELSON, Edward L.  
; TITLE OF INVENTION: HER2/NEU TARGET ANTIGEN AND USE OF SAME TO STIMULATE AN IMMUNE RESPONSE  
; FILE REFERENCE: UCI1170-1  
; CURRENT APPLICATION NUMBER: US/10/484,067  
; CURRENT FILING DATE: 2004-01-15  
; PRIOR APPLICATION NUMBER: PCT/US02/22975  
; PRIOR FILING DATE: 2002-07-18  
; PRIOR APPLICATION NUMBER: US 60/306,250  
; PRIOR FILING DATE: 2001-07-18  
; NUMBER OF SEQ ID NOS: 14  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2  
; LENGTH: 1257  
; TYPE: PRT  
; ORGANISM: Rattus norvegicus

US-10-484-067-2

Query Match 47.6%; Score 166.5; DB 3; Length 1257;  
Best Local Similarity 50.9%;  
Matches 28; Conservative 7; Mismatches 19; Indels 1; Gaps 1;



```
Qy          5 NRPRRD-CVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58
          ||| | ||: | ||: ||: | ||||| ||::| :: || | | | |
Db          499 NRPEEDLCVSSGLVCNSLCAHGHCWGPGPTQCVNCSHFLRGQECVVEECRVWKGLP 553
```

## RESULT 114

US-08-467-083-68

; Sequence 68, Application US/08467083

; Patent No. 5726023

; GENERAL INFORMATION:

; APPLICANT: Cheever, Martin A.

; APPLICANT: Disis, Mary L.

; TITLE OF INVENTION: IMMUNE REACTIVITY TO HER-2/NEU PROTEIN

; TITLE OF INVENTION: FOR DIAGNOSIS AND TREATMENT OF MALIGNANCIES IN WHICH THE

; TITLE OF INVENTION: HER-2/NEU ONCOGENE IS ASSOCIATED

; NUMBER OF SEQUENCES: 68

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Seed and Berry

; STREET: 6300 Columbia Center, 701 Fifth Avenue

; CITY: Seattle

; STATE: Washington

; COUNTRY: US

; ZIP: 98104-7092

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/467,083

; FILING DATE: 06-JUN-1995

; CLASSIFICATION: 424

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/414,417

; FILING DATE: 06-JUN-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Sharkey, Richard G.

; REGISTRATION NUMBER: 32,629

; REFERENCE/DOCKET NUMBER: 920010.448C2

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (206) 622-4900

; TELEFAX: (206) 682-6031

; TELEX: 3723836 SEEDANBERRY

; INFORMATION FOR SEQ ID NO: 68:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 1255 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

US-08-467-083-68

Query Match 47.1%; Score 165; DB 1; Length 1255;

Best Local Similarity 50.0%;

Matches 27; Conservative 5; Mismatches 22; Indels 0; Gaps 0;

```
Qy          5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58
          ||| :|| || | ||: | ||||| ||::| : || || | | | |
Db          498 NRPEDECVGEGLACHQLCARCHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551
```

RESULT 115

US-08-414-417B-68  
; Sequence 68, Application US/08414417B  
; Patent No. 5801005  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; APPLICANT: Disis, Mary L.  
; TITLE OF INVENTION: IMMUNE REACTIVITY TO HER-2/neu PROTEIN  
; TITLE OF INVENTION: FOR DIAGNOSIS AND TREATMENT OF MALIGNANCIES IN WHICH THE  
; TITLE OF INVENTION: HER-2/neu ONCOGENE IS ASSOCIATED  
; NUMBER OF SEQUENCES: 69  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Seed and Berry LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/414,417B  
; FILING DATE: 31-MAR-1995  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sharkey, Richard G.  
; REGISTRATION NUMBER: 32,629  
; REFERENCE/DOCKET NUMBER: 920010.448C2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 68:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1255 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
US-08-414-417B-68

Query Match 47.1%; Score 165; DB 1; Length 1255;  
Best Local Similarity 50.0%;  
Matches 27; Conservative 5; Mismatches 22; Indels 0; Gaps 0;  
  
Qy 5 NRPRRDCVAEGKVCDFLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: ||||| ||::| : || || | |||  
Db 498 NRPEDECVGEGLACHQLCARCHCWGPGPTQCVNCSQFLRGQECVEECRVLQGLP 551

RESULT 116

US-08-486-348A-68  
; Sequence 68, Application US/08486348A  
; Patent No. 5846538  
; GENERAL INFORMATION:

; APPLICANT: Cheever, Martin A.  
; APPLICANT: Disis, Mary L.  
; TITLE OF INVENTION: IMMUNE REACTIVITY TO HER-2/neu PROTEIN  
; TITLE OF INVENTION: FOR DIAGNOSIS AND TREATMENT OF MALIGNANCIES IN WHICH THE  
; TITLE OF INVENTION: HER-2/neu ONCOGENE IS ASSOCIATED  
; NUMBER OF SEQUENCES: 69  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Seed and Berry LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/486,348A  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sharkey, Richard G.  
; REGISTRATION NUMBER: 32,629  
; REFERENCE/DOCKET NUMBER: 920010.448C6  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 68:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1255 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear

US-08-486-348A-68

Query Match 47.1%; Score 165; DB 1; Length 1255;  
Best Local Similarity 50.0%;  
Matches 27; Conservative 5; Mismatches 22; Indels 0; Gaps 0;

Qy 5 NRPRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: ||||| ||::| : || || | |||  
Db 498 NRPEDECVGEGLACHQLCARCHCWGPGPTQCVNCSQFLRGQECVEECRVLQGLP 551

RESULT 117

US-08-468-545B-68

; Sequence 68, Application US/08468545B  
; Patent No. 5876712  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; APPLICANT: Disis, Mary L.  
; TITLE OF INVENTION: IMMUNE REACTIVITY TO HER-2/neu PROTEIN  
; TITLE OF INVENTION: FOR DIAGNOSIS AND TREATMENT OF MALIGNANCIES IN WHICH THE  
; TITLE OF INVENTION: HER-2/neu ONCOGENE IS ASSOCIATED  
; NUMBER OF SEQUENCES: 69  
; CORRESPONDENCE ADDRESS:

```

;   ADDRESSEE:  Seed and Berry LLP
;   STREET:    6300 Columbia Center, 701 Fifth Avenue
;   CITY:      Seattle
;   STATE:     Washington
;   COUNTRY:   US
;   ZIP:       98104-7092
;   COMPUTER READABLE FORM:
;   MEDIUM TYPE:  Floppy disk
;   COMPUTER:   IBM PC compatible
;   OPERATING SYSTEM:  PC-DOS/MS-DOS
;   SOFTWARE:   PatentIn Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;   APPLICATION NUMBER:  US/08/468,545B
;   FILING DATE:   06-JUN-1995
;   CLASSIFICATION:  424
;   ATTORNEY/AGENT INFORMATION:
;   NAME:        Sharkey, Richard G.
;   REGISTRATION NUMBER:  32,629
;   REFERENCE/DOCKET NUMBER:  920010.448C5
;   TELECOMMUNICATION INFORMATION:
;   TELEPHONE:   (206) 622-4900
;   TELEFAX:    (206) 682-6031
;   INFORMATION FOR SEQ ID NO:  68:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH:      1255 amino acids
;   TYPE:        amino acid
;   TOPOLOGY:    linear
US-08-468-545B-68

```

```

Query Match          47.1%;  Score 165;  DB 1;  Length 1255;
Best Local Similarity  50.0%;
Matches   27;  Conservative    5;  Mismatches   22;  Indels    0;  Gaps    0;

```

```

Qy          5  NRPRRDCVAEGKVCDFLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP  58
      |||  :|| || |  ||:  ||||| ||::|  : ||  ||  |  || |
Db         498  NRPEDECVGEGLACHQLCARCHCWGPGPTQCVNCSQFLRGQECVEECRVLQGLP  551

```

```

RESULT 118
US-08-466-680B-68
; Sequence 68, Application US/08466680B
; Patent No. 6075122
;   GENERAL INFORMATION:
;   APPLICANT:  Cheever, Martin A.
;   APPLICANT:  Disis, Mary L.
;   TITLE OF INVENTION:  IMMUNE REACTIVITY TO HER-2/neu PROTEIN
;   TITLE OF INVENTION:  FOR DIAGNOSIS AND TREATMENT OF MALIGNANCIES IN WHICH THE
;   TITLE OF INVENTION:  HER-2/neu ONCOGENE IS ASSOCIATED
;   NUMBER OF SEQUENCES:  69
;   CORRESPONDENCE ADDRESS:
;   ADDRESSEE:  Seed and Berry LLP
;   STREET:    6300 Columbia Center, 701 Fifth Avenue
;   CITY:      Seattle
;   STATE:     Washington
;   COUNTRY:   US
;   ZIP:       98104-7092
;   COMPUTER READABLE FORM:

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; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/466,680B  
; FILING DATE: 06-JUN-1995  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sharkey, Richard G.  
; REGISTRATION NUMBER: 32,629  
; REFERENCE/DOCKET NUMBER: 920010.448C4  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 68:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1255 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear

US-08-466-680B-68

Query Match 47.1%; Score 165; DB 2; Length 1255;  
Best Local Similarity 50.0%;  
Matches 27; Conservative 5; Mismatches 22; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGP GPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: ||||| ||::| : || || | || |  
Db 498 NRPEDECVGEGLACHQLCARCHCWGP GPTQCVNCSQFLRGQECVEECRVLQGLP 551

RESULT 119

US-09-354-533-68

; Sequence 68, Application US/09354533  
; Patent No. 6664370  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; Disis, Mary L.  
; TITLE OF INVENTION: IMMUNE REACTIVITY TO HER-2/neu PROTEIN  
; FOR DIAGNOSIS AND TREATMENT OF MALIGNANCIES IN WHICH THE  
; HER-2/neu ONCOGENE IS ASSOCIATED  
; NUMBER OF SEQUENCES: 69  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Seed and Berry LLP  
; STREET: 6300 Columbia Center, 701 Fifth Avenue  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/354,533  
; FILING DATE: 15-Jul-1999

; CLASSIFICATION: <Unknown>  
;  
; ATTORNEY/AGENT INFORMATION:  
;  
; NAME: Sharkey, Richard G.  
;  
; REGISTRATION NUMBER: 32,629  
;  
; REFERENCE/DOCKET NUMBER: 920010.448C9  
;  
; TELECOMMUNICATION INFORMATION:  
;  
; TELEPHONE: (206) 622-4900  
;  
; TELEFAX: (206) 682-6031  
;  
; INFORMATION FOR SEQ ID NO: 68:  
;  
; SEQUENCE CHARACTERISTICS:  
;  
; LENGTH: 1255 amino acids  
;  
; TYPE: amino acid  
;  
; TOPOLOGY: linear  
;  
; SEQUENCE DESCRIPTION: SEQ ID NO: 68:  
US-09-354-533-68

Query Match 47.1%; Score 165; DB 2; Length 1255;  
Best Local Similarity 50.0%;  
Matches 27; Conservative 5; Mismatches 22; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVCDFLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: ||||| ||::| : || || | |||  
Db 498 NRPEDECVGEGLACHQLCARCHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 120  
US-10-647-005-68  
; Sequence 68, Application US/10647005  
; Patent No. 7247703  
; GENERAL INFORMATION:  
;  
; APPLICANT: Cheever, Martin A.  
;  
; Disis, Mary L.  
;  
; TITLE OF INVENTION: IMMUNE REACTIVITY TO HER-2/neu PROTEIN  
;  
; FOR DIAGNOSIS AND TREATMENT OF MALIGNANCIES IN WHICH THE  
;  
; HER-2/neu ONCOGENE IS ASSOCIATED  
;  
; NUMBER OF SEQUENCES: 69  
;  
; CORRESPONDENCE ADDRESS:  
;  
; ADDRESSEE: Seed IP Law Group PLLC  
;  
; STREET: 701 Fifth Avenue Suite 6300  
;  
; CITY: Seattle  
;  
; STATE: Washington  
;  
; COUNTRY: US  
;  
; ZIP: 98104-7092  
;  
; COMPUTER READABLE FORM:  
;  
; MEDIUM TYPE: Floppy disk  
;  
; COMPUTER: IBM PC compatible  
;  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
;  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
;  
; CURRENT APPLICATION DATA:  
;  
; APPLICATION NUMBER: US/10/647,005  
;  
; FILING DATE: 21-Aug-2003  
;  
; CLASSIFICATION: <Unknown>  
;  
; ATTORNEY/AGENT INFORMATION:  
;  
; NAME: Sharkey, Richard G.  
;  
; REGISTRATION NUMBER: 32,629  
;  
; REFERENCE/DOCKET NUMBER: 920010.448C10  
;  
; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 68:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1255 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 68:  
US-10-647-005-68

Query Match 47.1%; Score 165; DB 3; Length 1255;  
Best Local Similarity 50.0%;  
Matches 27; Conservative 5; Mismatches 22; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVCDFLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: ||||| ||::| : || || | | |  
Db 498 NRPEDECVGEGLACHQLCARCHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 121  
US-11-121-347-68  
; Sequence 68, Application US/11121347  
; Patent No. 7601697  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; Disis, Mary L.  
; TITLE OF INVENTION: COMPOSITIONS FOR ELICITING OR ENHANCING IMMUNE  
; REACTIVITY TO HER-2-neu PROTEIN FOR PREVENTION OR TREATMENT OF  
; MALIGNANCIES IN WHICH THE HER-2-neu ONCOGENE IS ASSOCIATED  
; NUMBER OF SEQUENCES: 69  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Seed IP Law Group PLLC  
; STREET: 701 Fifth Avenue Suite 6300  
; CITY: Seattle  
; STATE: Washington  
; COUNTRY: US  
; ZIP: 98104-7092  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS-MS-DOS  
; SOFTWARE: PatentIn Release 1.0, Version 1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/11/121,347  
; FILING DATE: 03-May-2005  
; CLASSIFICATION: <Unknown>  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Sharkey, Richard G.  
; REGISTRATION NUMBER: 32,629  
; REFERENCE/DOCKET NUMBER: 920010.448C11  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (206) 622-4900  
; TELEFAX: (206) 682-6031  
; INFORMATION FOR SEQ ID NO: 68:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1255 amino acids  
; TYPE: amino acid

; TOPOLOGY: linear  
; SEQUENCE DESCRIPTION: SEQ ID NO: 68:  
US-11-121-347-68

Query Match 47.1%; Score 165; DB 3; Length 1255;  
Best Local Similarity 50.0%;  
Matches 27; Conservative 5; Mismatches 22; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARCHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 122  
US-11-821-574-68  
; Sequence 68, Application US/11821574  
; Patent No. 7655239  
; GENERAL INFORMATION  
; APPLICANT: Cheever, Martin A.  
; APPLICANT:Disis, Mary L.  
; TITLE OF INVENTION: IMMUNE REACTIVITY TO HER-2/neu PROTEIN  
; TITLE OF INVENTION:FOR DIAGNOSIS AND TREATMENT OF MALIGNANCIES IN WHICH THE  
; TITLE OF INVENTION:HER-2/neu ONCOGENE IS ASSOCIATED  
; FILE REFERENCE: 920010.448c12  
; CURRENT APPLICATION NUMBER: US/11/821,574  
; CURRENT FILING DATE: 2007-11-28  
; PRIOR APPLICATION NUMBER: US 10/647,005  
; PRIOR FILING DATE: 2003-08-21  
; PRIOR APPLICATION NUMBER: US 09/354,533  
; PRIOR FILING DATE: 1999-07-15  
; PRIOR APPLICATION NUMBER: US 08/466,680  
; PRIOR FILING DATE: 1995-06-06  
; PRIOR APPLICATION NUMBER: US 08/414,417  
; PRIOR FILING DATE: 1995-03-31  
; PRIOR APPLICATION NUMBER: US 08/106,112  
; PRIOR FILING DATE: 1993-08-12  
; PRIOR APPLICATION NUMBER: US 08/033,644  
; PRIOR FILING DATE: 1993-03-17  
; NUMBER OF SEQ ID NOS: 70  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 68  
; LENGTH: 1255  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-821-574-68

Query Match 47.1%; Score 165; DB 3; Length 1255;  
Best Local Similarity 50.0%;  
Matches 27; Conservative 5; Mismatches 22; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: ||||| ||::| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARCHCWGPGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 123  
US-09-632-507A-29



; Sequence 29, Application US/09632507A  
; Patent No. 7229623  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; APPLICANT: Gheysen, Dirk  
; APPLICANT: Corixa Corporation  
; APPLICANT: SmithKline Beecham Biologicals S. A.  
; TITLE OF INVENTION: Her-2/neu Fusion Proteins  
; FILE REFERENCE: 014058-009820US  
; CURRENT APPLICATION NUMBER: US/09/632,507A  
; CURRENT FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: US 60/117,976  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: US 09/493,480  
; PRIOR FILING DATE: 2000-01-28  
; NUMBER OF SEQ ID NOS: 32  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 29  
; LENGTH: 926  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence:mouse  
; OTHER INFORMATION: ECD-PD-TcP0 fusion protein  
US-09-632-507A-29

Query Match 46.9%; Score 164; DB 3; Length 926;  
Best Local Similarity 50.0%;  
Matches 27; Conservative 5; Mismatches 22; Indels 0; Gaps 0;

Qy 5 NRPRDCVAEGKVCDDLCSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| | ||||: ||: | ||||| ||::| : || || | |  
Db 499 NRPEEACGLEGLVCNSLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVWKGLP 552

RESULT 124  
US-09-493-480-14  
; Sequence 14, Application US/09493480  
; Patent No. 7198920  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; APPLICANT: Gheysen, Dirk  
; APPLICANT: Corixa Corporation  
; APPLICANT: SmithKline Beecham Biologicals S. A.  
; TITLE OF INVENTION: HER-2/neu Fusion Proteins  
; FILE REFERENCE: 014058-009810PC  
; CURRENT APPLICATION NUMBER: US/09/493,480  
; CURRENT FILING DATE: 2000-01-28  
; PRIOR APPLICATION NUMBER: US 60/117,976  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 14  
; LENGTH: 1256  
; TYPE: PRT  
; ORGANISM: Mus sp.  
; FEATURE:

; OTHER INFORMATION: mouse HER-2/neu protein  
US-09-493-480-14

Query Match 46.9%; Score 164; DB 3; Length 1256;  
Best Local Similarity 50.0%;  
Matches 27; Conservative 5; Mismatches 22; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| | || ||: ||: | ||||| ||::| : || || | |  
Db 499 NRPEEACGLEGLVCNSLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVWKGLP 552

RESULT 125  
US-09-632-507A-14  
; Sequence 14, Application US/09632507A  
; Patent No. 7229623  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; APPLICANT: Gheysen, Dirk  
; APPLICANT: Corixa Corporation  
; APPLICANT: SmithKline Beecham Biologicals S. A.  
; TITLE OF INVENTION: Her-2/neu Fusion Proteins  
; FILE REFERENCE: 014058-009820US  
; CURRENT APPLICATION NUMBER: US/09/632,507A  
; CURRENT FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: US 60/117,976  
; PRIOR FILING DATE: 1999-01-29  
; PRIOR APPLICATION NUMBER: US 09/493,480  
; PRIOR FILING DATE: 2000-01-28  
; NUMBER OF SEQ ID NOS: 32  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 14  
; LENGTH: 1256  
; TYPE: PRT  
; ORGANISM: Mus sp.  
; FEATURE:  
; OTHER INFORMATION: mouse Her-2/neu protein  
US-09-632-507A-14

Query Match 46.9%; Score 164; DB 3; Length 1256;  
Best Local Similarity 50.0%;  
Matches 27; Conservative 5; Mismatches 22; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| | || ||: ||: | ||||| ||::| : || || | |  
Db 499 NRPEEACGLEGLVCNSLCARGHCWGPGPTQCVNCSQFLRGQECVVEECRVWKGLP 552

RESULT 126  
US-09-854-356-14  
; Sequence 14, Application US/09854356  
; Patent No. 7375091  
; GENERAL INFORMATION:  
; APPLICANT: Cheever, Martin A.  
; APPLICANT: Gheysen, Dirk  
; APPLICANT: Corixa Corporation  
; APPLICANT: SmithKline Beecham Biologicals S. A.

; TITLE OF INVENTION: HER-2/neu Fusion Proteins  
; FILE REFERENCE: 014058-009810PC  
; CURRENT APPLICATION NUMBER: US/09/854,356  
; CURRENT FILING DATE: 2001-05-09  
; PRIOR APPLICATION NUMBER: US 09/493,480  
; PRIOR FILING DATE: 2000-01-28  
; PRIOR APPLICATION NUMBER: US 60/117,976  
; PRIOR FILING DATE: 1999-01-29  
; NUMBER OF SEQ ID NOS: 26  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 14  
; LENGTH: 1256  
; TYPE: PRT  
; ORGANISM: Mus sp.  
; FEATURE:  
; OTHER INFORMATION: mouse HER-2/neu protein  
US-09-854-356-14

Query Match 46.9%; Score 164; DB 3; Length 1256;  
Best Local Similarity 50.0%;  
Matches 27; Conservative 5; Mismatches 22; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| | |||: ||: | ||||| ||::| : || || | |  
Db 499 NRPEEACGLEGLVCNSLCARGHCWGP GPTQCVNCSQFLRGQECVVEECRVWKGLP 552

RESULT 127  
US-10-119-288A-39  
; Sequence 39, Application US/10119288A  
; Patent No. 7638598  
; GENERAL INFORMATION:  
; APPLICANT: Greene, Mark  
; APPLICANT: Zhang, Hongtao  
; APPLICANT: Murali, Ramachandran  
; APPLICANT: Richter, Mark  
; APPLICANT: Berezov, Alan  
; APPLICANT: Liu, Qingdu  
; APPLICANT: Chen, Jinqiu  
; TITLE OF INVENTION: ErbB INTERFACE PEPTIDOMIMETICS AND METHODS OF USE THEREOF  
; FILE REFERENCE: 4040/1K397-US1  
; CURRENT APPLICATION NUMBER: US/10/119,288A  
; CURRENT FILING DATE: 2002-08-15  
; PRIOR APPLICATION NUMBER: US 60/282,037  
; PRIOR FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/309,864  
; PRIOR FILING DATE: 2001-08-03  
; NUMBER OF SEQ ID NOS: 45  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 39  
; LENGTH: 148  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-119-288A-39

Query Match 45.7%; Score 160; DB 3; Length 148;  
Best Local Similarity 62.8%;

```

Matches      27;  Conservative      2;  Mismatches      14;  Indels      0;  Gaps      0;

Qy           16  KVCDPLCSSGGCWGP GPGQCLSCRNYSRGGVCVTHCNFLNGEP  58
              :||  |||  ||||| |  |:|||| |||  ||  || | |||
Db           1  QVCHALCSPEGCWGPEPRDCVSCRNVSRGRECVDKCNLLEGEP  43
  
```

RESULT 128

US-10-213-292-39

```

; Sequence 39, Application US/10213292
; Patent No. 7662374
; GENERAL INFORMATION:
; APPLICANT: Greene, Mark I.
; APPLICANT: Zhang, Hongtao
; APPLICANT: Richter, Mark
; APPLICANT: Murali, Ramachandran
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES TO ACTIVATED erbB FAMILY MEMBERS
; TITLE OF INVENTION: AND METHODS OF USE
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 4040/1K396-US1
; CURRENT APPLICATION NUMBER: US/10/213,292
; CURRENT FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: US 60/309,864
; PRIOR FILING DATE: 2001-08-03
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 39
; LENGTH: 148
; TYPE: PRT
; ORGANISM: Homo sapiens
  
```

US-10-213-292-39

```

Query Match          45.7%;  Score 160;  DB 3;  Length 148;
Best Local Similarity 62.8%;
Matches      27;  Conservative      2;  Mismatches      14;  Indels      0;  Gaps      0;

Qy           16  KVCDPLCSSGGCWGP GPGQCLSCRNYSRGGVCVTHCNFLNGEP  58
              :||  |||  ||||| |  |:|||| |||  ||  || | |||
Db           1  QVCHALCSPEGCWGPEPRDCVSCRNVSRGRECVDKCNLLEGEP  43
  
```

RESULT 129

US-09-555-275A-10

```

; Sequence 10, Application US/09555275A
; Patent No. 7020563
; GENERAL INFORMATION:
; APPLICANT: Commonwealth Scientific and Industrial Research Organisation
; TITLE OF INVENTION: Method of Designing Agonists and Antagonists to IGF Receptor
; FILE REFERENCE: 050179-0081
; CURRENT APPLICATION NUMBER: US/09/555,275A
; CURRENT FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: PCT/AU98/00998
; PRIOR FILING DATE: 1998-11-27
; PRIOR APPLICATION NUMBER: PP2598
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: PP0585
; PRIOR FILING DATE: 1997-11-27
  
```

; NUMBER OF SEQ ID NOS: 16  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 10  
; LENGTH: 142  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-555-275A-10

Query Match 44.0%; Score 154; DB 3; Length 142;  
Best Local Similarity 60.5%;  
Matches 26; Conservative 2; Mismatches 15; Indels 0; Gaps 0;

Qy 16 KVC DPLCSSGGCWGP GPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
: || ||| |||| | | : ||| ||| || | | |||  
Db 1 QVCHALCSPEGCWGPEPRDCVSCRNVSRGRECVDKCKLLEGE P 43

RESULT 130

US-08-484-438-8

; Sequence 8, Application US/08484438  
; Patent No. 5811098  
; Patent No. 5811098 5780031  
; GENERAL INFORMATION:  
; APPLICANT: Plowman, Gregory D.  
; APPLICANT: Culouscou, Jean-Michel  
; APPLICANT: Shoyab, Mohammed  
; APPLICANT: Siegall, Clay B.  
; APPLICANT: Hellstr m, Ingegerd  
; APPLICANT: Hellstr m, Karl E.  
; TITLE OF INVENTION: HER4 HUMAN RECEPTOR TYROSINE KINASE  
; NUMBER OF SEQUENCES: 42  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pennie & Edmonds  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 10036-2711  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/484,438  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 530  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/323,442  
; FILING DATE: 14-OCT-1994  
; APPLICATION NUMBER: US 08/150,704  
; FILING DATE: 10-NOV-1993  
; CLASSIFICATION: 530  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/981,165  
; FILING DATE: 24-NOV-1992  
; CLASSIFICATION: 530

; ATTORNEY/AGENT INFORMATION:  
; NAME: Misrock, S. Leslie  
; REGISTRATION NUMBER: 18,872  
; REFERENCE/DOCKET NUMBER: 5624-230  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 790-9090  
; TELEFAX: (212) 869-8864/9741  
; TELEX: 66141 PENNIE  
; INFORMATION FOR SEQ ID NO: 8:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1255 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: unknown  
; TOPOLOGY: unknown  
; MOLECULE TYPE: protein

US-08-484-438-8

Query Match 39.1%; Score 137; DB 1; Length 1255;  
Best Local Similarity 44.4%;  
Matches 24; Conservative 5; Mismatches 25; Indels 0; Gaps 0;

Qy 5 NRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
||| :|| || | ||: | || ||:| : || || | | | |  
Db 498 NRPEDECVGEGLACHQLCARRALLGSGPTQCVNCSQFLRGQECVVEECRVLQGLP 551

RESULT 131

US-11-154-091-22

; Sequence 22, Application US/11154091  
; Patent No. 7449184  
; GENERAL INFORMATION:  
; APPLICANT: ALLISON, DAVID E.  
; APPLICANT: BRUNO, RENE  
; APPLICANT: LU, JIAN-FENG  
; APPLICANT: NG, CHEE M.  
; TITLE OF INVENTION: FIXED DOSING OF HER ANTIBODIES  
; FILE REFERENCE: P2202R1  
; CURRENT APPLICATION NUMBER: US/11/154,091  
; CURRENT FILING DATE: 2005-06-15  
; PRIOR APPLICATION NUMBER: US 60/645,697  
; PRIOR FILING DATE: 2005-01-21  
; NUMBER OF SEQ ID NOS: 22  
; SEQ ID NO 22  
; LENGTH: 142  
; TYPE: PRT  
; ORGANISM: Homo sapiens

US-11-154-091-22

Query Match 38.3%; Score 134; DB 3; Length 142;  
Best Local Similarity 51.2%;  
Matches 21; Conservative 4; Mismatches 16; Indels 0; Gaps 0;

Qy 18 CDPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58  
| ||: | ||||| ||:| : || || | | | |  
Db 1 CHQLCARGHCWGPPTQCVNCSQFLRGQECVVEECRVLQGLP 41

RESULT 132

US-11-182-908-22  
; Sequence 22, Application US/11182908  
; Patent No. 7560111  
; GENERAL INFORMATION:  
; APPLICANT: KAO, YUNG-HSIANG  
; APPLICANT: VANDERLAAN, MARTIN  
; TITLE OF INVENTION: HER2 ANTIBODY COMPOSITIONS  
; FILE REFERENCE: P2105R1  
; CURRENT APPLICATION NUMBER: US/11/182,908  
; CURRENT FILING DATE: 2005-07-15  
; PRIOR APPLICATION NUMBER: US 60/590,202  
; PRIOR FILING DATE: 2004-07-22  
; NUMBER OF SEQ ID NOS: 24  
; SEQ ID NO 22  
; LENGTH: 142  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-182-908-22

Query Match 38.3%; Score 134; DB 3; Length 142;  
Best Local Similarity 51.2%;  
Matches 21; Conservative 4; Mismatches 16; Indels 0; Gaps 0;

Qy 18 CDPLCSSGGCWGPQCLSCRNYSRGGVCVTHCNFLNGEP 58  
| ||: | ||||| ||::| : || || | | |  
Db 1 CHQLCARGHCWGPPTQCVNCSQFLRGQECVEECRVLQGLP 41

RESULT 133

US-10-119-288A-40  
; Sequence 40, Application US/10119288A  
; Patent No. 7638598  
; GENERAL INFORMATION:  
; APPLICANT: Greene, Mark  
; APPLICANT: Zhang, Hongtao  
; APPLICANT: Murali, Ramachandran  
; APPLICANT: Richter, Mark  
; APPLICANT: Berezov, Alan  
; APPLICANT: Liu, Qingdu  
; APPLICANT: Chen, Jinqiu  
; TITLE OF INVENTION: ErbB INTERFACE PEPTIDOMIMETICS AND METHODS OF USE THEREOF  
; FILE REFERENCE: 4040/1K397-US1  
; CURRENT APPLICATION NUMBER: US/10/119,288A  
; CURRENT FILING DATE: 2002-08-15  
; PRIOR APPLICATION NUMBER: US 60/282,037  
; PRIOR FILING DATE: 2001-04-06  
; PRIOR APPLICATION NUMBER: US 60/309,864  
; PRIOR FILING DATE: 2001-08-03  
; NUMBER OF SEQ ID NOS: 45  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 40  
; LENGTH: 149  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-119-288A-40

```
Query Match          38.3%;  Score 134;  DB 3;  Length 149;
Best Local Similarity 51.2%;
Matches    21;  Conservative    4;  Mismatches    16;  Indels      0;  Gaps      0;

Qy          18 CDPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58
              |  ||: | ||||| ||::| : ||  ||  |  |  |
Db          3  CHQLCARGHCWGPPTQCVNCSQFLRGQECVVEECRVLQGLP 43
```

RESULT 134

```
US-10-213-292-40
; Sequence 40, Application US/10213292
; Patent No. 7662374
; GENERAL INFORMATION:
; APPLICANT: Greene, Mark I.
; APPLICANT: Zhang, Hongtao
; APPLICANT: Richter, Mark
; APPLICANT: Murali, Ramachandran
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES TO ACTIVATED erbB FAMILY MEMBERS
; TITLE OF INVENTION: AND METHODS OF USE
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 4040/1K396-US1
; CURRENT APPLICATION NUMBER: US/10/213,292
; CURRENT FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: US 60/309,864
; PRIOR FILING DATE: 2001-08-03
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 40
; LENGTH: 149
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-213-292-40
```

```
Query Match          38.3%;  Score 134;  DB 3;  Length 149;
Best Local Similarity 51.2%;
Matches    21;  Conservative    4;  Mismatches    16;  Indels      0;  Gaps      0;

Qy          18 CDPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCNFLNGEP 58
              |  ||: | ||||| ||::| : ||  ||  |  |  |
Db          3  CHQLCARGHCWGPPTQCVNCSQFLRGQECVVEECRVLQGLP 43
```

RESULT 135

```
US-10-369-493-5512
; Sequence 5512, Application US/10369493
; Patent No. 7314974
; GENERAL INFORMATION:
; APPLICANT: Cao, Yongwei
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Goldman, Barry S.
; APPLICANT: Chen, Xianfeng
; TITLE OF INVENTION: EXPRESSION OF MICROBIAL PROTEINS IN PLANTS FOR PRODUCTION OF
; TITLE OF INVENTION: PLANTS WITH IMPROVED PROPERTIES
; FILE REFERENCE: 38-10(52052)B
; CURRENT APPLICATION NUMBER: US/10/369,493
```



; CURRENT FILING DATE: 2003-02-28  
; PRIOR APPLICATION NUMBER: US 60/360,039  
; PRIOR FILING DATE: 2002-02-21  
; NUMBER OF SEQ ID NOS: 47374  
; SEQ ID NO 5512  
; LENGTH: 1323  
; TYPE: PRT  
; ORGANISM: Caenorhabditis elegans  
US-10-369-493-5512

Query Match 36.7%; Score 128.5; DB 3; Length 1323;  
Best Local Similarity 39.0%;  
Matches 23; Conservative 7; Mismatches 26; Indels 3; Gaps 1;

Qy 2 IKHNRPRRDCVAEGKVC DPLCSSGGCWGPGPGQCLSCRNYSRGGVCVTHCN---FLNGE 57  
| || : | | :|| | : ||| | || | : : | || | : || :  
Db 504 IAENRDSKLCETEQRVCDKNCNKRGCWGKEPEDCLECKTWKSVGTCVEKCDTKGFLRNQ 562

RESULT 136  
US-11-598-148-205  
; Sequence 205, Application US/11598148  
; Patent No. 7510850  
; GENERAL INFORMATION:  
; APPLICANT: Zheng , Yixian  
; APPLICANT: Tsai, Ming-Ying  
; TITLE OF INVENTION: Isolation of the Mitotic Spindle Matrix and Its Methods of Use  
; FILE REFERENCE: 056100-5058-US  
; CURRENT APPLICATION NUMBER: US/11/598,148  
; CURRENT FILING DATE: 2006-11-13  
; PRIOR APPLICATION NUMBER: US 60/735,168  
; PRIOR FILING DATE: 2005-11-10  
; PRIOR APPLICATION NUMBER: US 60/781,738  
; PRIOR FILING DATE: 2006-03-14  
; PRIOR APPLICATION NUMBER: US 60/794,099  
; PRIOR FILING DATE: 2006-04-24  
; NUMBER OF SEQ ID NOS: 684  
; SOFTWARE: PatentIn version 3.4  
; SEQ ID NO 205  
; LENGTH: 1362  
; TYPE: PRT  
; ORGANISM: Xenopus laevis  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (138)..(138)  
; OTHER INFORMATION: Xaa can be any naturally occurring amino acid  
US-11-598-148-205

Query Match 28.9%; Score 101; DB 3; Length 1362;  
Best Local Similarity 42.9%;  
Matches 18; Conservative 7; Mismatches 15; Indels 2; Gaps 2;

Qy 11 CVAEGKVC DPLCSSGGCWGPG-PGQCLSCRNYSRGGVCVTHC 51  
| : : | : | | | | : | : | : : | | | | |  
Db 238 CLPDGQCCHPEC-LGSCRKPNDPSECTACRHFQNEGVCVTAC 278

RESULT 137

US-08-368-852-15

; Sequence 15, Application US/08368852  
; Patent No. 5691183  
; GENERAL INFORMATION:  
; APPLICANT: Franzusoff, Alex  
; APPLICANT: Miranda, Luis R.  
; TITLE OF INVENTION: CD4+ T-LYMPHOCYTE PROTEASES AND GENES  
; TITLE OF INVENTION: ENCODING SAID PROTEASES  
; NUMBER OF SEQUENCES: 15  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sheridan Ross & McIntosh  
; STREET: 1700 Lincoln Street, Suite 3500  
; CITY: Denver  
; STATE: CO  
; COUNTRY: U.S.A.  
; ZIP: 80203  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/368,852  
; FILING DATE: 05-JAN-1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Verser, Carol Talkington  
; REGISTRATION NUMBER: 37,459  
; REFERENCE/DOCKET NUMBER: 2848-11  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 303/863-9700  
; TELEFAX: 303/863-0223  
; INFORMATION FOR SEQ ID NO: 15:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 288 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-368-852-15

Query Match 27.3%; Score 95.5; DB 1; Length 288;  
Best Local Similarity 43.6%;  
Matches 17; Conservative 4; Mismatches 13; Indels 5; Gaps 1;  
  
Qy 18 CDPLCSSGGCWGP GPGQCLSCRNY-----SRGGVCVTHC 51  
||| || || |||| | | :| : :||: |  
Db 11 CDPECSEVGCDGPGPDHCNDCLHYYYKLKNNTRICVSSC 49

RESULT 138

US-08-525-940-15

; Sequence 15, Application US/08525940  
; Patent No. 5866351  
; GENERAL INFORMATION:  
; APPLICANT: Franzusoff, Alex  
; APPLICANT: Miranda, Luis R.

; APPLICANT: Wolf, Joseph R.
; TITLE OF INVENTION: CD4+ T-LYMPHOCYTE PROTEASES AND GENES
; TITLE OF INVENTION: ENCODING SAID PROTEASES
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheridan Ross & McIntosh
; STREET: 1700 Lincoln Street, Suite 3500
; CITY: Denver
; STATE: Colorado
; COUNTRY: U.S.A.
; ZIP: 80203
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/525,940
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/368,852
; FILING DATE: 01-JAN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/088,322
; FILING DATE: 07-JUL-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Connell, Gary J.
; REGISTRATION NUMBER: 32,020
; REFERENCE/DOCKET NUMBER: 2848-11-C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 863-9700
; TELEFAX: (303) 863-0223
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 288 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-525-940-15

Query Match 27.3%; Score 95.5; DB 1; Length 288;
Best Local Similarity 43.6%;
Matches 17; Conservative 4; Mismatches 13; Indels 5; Gaps 1;

Qy 18 CDPLCSSGGCWGPGPGQCLSCRNY-----SRGGVCVTHC 51
||| || || |||| | | :| : :||: |
Db 11 CDPECSEVGCDGPGPDHCNDCLHYYYKLKNNTRICVSSC 49

RESULT 139
US-08-976-838-15
; Sequence 15, Application US/08976838
; Patent No. 5981259
; GENERAL INFORMATION:
; APPLICANT: Franzusoff, Alex
; TITLE OF INVENTION: CD4+ T-LYMPHOCYTE PROTEASE NUCLEIC ACID

; TITLE OF INVENTION: MOLECULES  
; NUMBER OF SEQUENCES: 31  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sheridan Ross P.C.  
; STREET: 1700 Lincoln St., Suite 3500  
; CITY: Denver  
; STATE: Colorado  
; COUNTRY: U.S.A.  
; ZIP: 80203  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/976,838  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Connell, Gary J.  
; REGISTRATION NUMBER: 32,020  
; REFERENCE/DOCKET NUMBER: 2848-11-C2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (303) 863-9700  
; TELEFAX: (303) 863-0223  
; INFORMATION FOR SEQ ID NO: 15:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 288 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-976-838-15

Query Match 27.3%; Score 95.5; DB 1; Length 288;  
Best Local Similarity 43.6%;  
Matches 17; Conservative 4; Mismatches 13; Indels 5; Gaps 1;

Qy 18 CDPLCSSGGCWGPGPGQCLSCRNY-----SRGGVCVTHC 51  
||| || || |||| | | :| : :||: |  
Db 11 CDPECSEVGCDGPGPDHCNDCLHYYYKLKNNTRICVSSC 49

RESULT 140  
US-08-525-940-23  
; Sequence 23, Application US/08525940  
; Patent No. 5866351  
; GENERAL INFORMATION:  
; APPLICANT: Franzusoff, Alex  
; APPLICANT: Miranda, Luis R.  
; APPLICANT: Wolf, Joseph R.  
; TITLE OF INVENTION: CD4+ T-LYMPHOCYTE PROTEASES AND GENES  
; TITLE OF INVENTION: ENCODING SAID PROTEASES  
; NUMBER OF SEQUENCES: 25  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sheridan Ross & McIntosh  
; STREET: 1700 Lincoln Street, Suite 3500  
; CITY: Denver

STATE: Colorado  
COUNTRY: U.S.A.  
ZIP: 80203  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/525,940  
FILING DATE:  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/368,852  
FILING DATE: 01-JAN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/088,322  
FILING DATE: 07-JUL-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Connell, Gary J.  
REGISTRATION NUMBER: 32,020  
REFERENCE/DOCKET NUMBER: 2848-11-C1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (303) 863-9700  
TELEFAX: (303) 863-0223  
INFORMATION FOR SEQ ID NO: 23:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 799 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-525-940-23

Query Match 27.3%; Score 95.5; DB 1; Length 799;  
Best Local Similarity 43.6%;  
Matches 17; Conservative 4; Mismatches 13; Indels 5; Gaps 1;

Qy 18 CDPLCSSGGCWGPGPGQCLSCRNY-----SRGGVCVTHC 51  
||| || || |||| | | :| : ||: |  
Db 522 CDPECSEVGCDGPGPDHCNDCLHYYYKLKNNTRICVSSC 560

RESULT 141  
US-08-976-838-23  
Sequence 23, Application US/08976838  
Patent No. 5981259  
GENERAL INFORMATION:  
APPLICANT: Franzusoff, Alex  
TITLE OF INVENTION: CD4+ T-LYMPHOCYTE PROTEASE NUCLEIC ACID  
TITLE OF INVENTION: MOLECULES  
NUMBER OF SEQUENCES: 31  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sheridan Ross P.C.  
STREET: 1700 Lincoln St., Suite 3500  
CITY: Denver  
STATE: Colorado  
COUNTRY: U.S.A.

; ZIP: 80203  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/976,838  
; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Connell, Gary J.  
; REGISTRATION NUMBER: 32,020  
; REFERENCE/DOCKET NUMBER: 2848-11-C2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (303) 863-9700  
; TELEFAX: (303) 863-0223  
; INFORMATION FOR SEQ ID NO: 23:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 799 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-976-838-23

Query Match 27.3%; Score 95.5; DB 1; Length 799;  
Best Local Similarity 43.6%;  
Matches 17; Conservative 4; Mismatches 13; Indels 5; Gaps 1;

Qy 18 CDPLCSSGGCWGPGPGQCLSCRNY-----SRGGVCVTHC 51  
||| || || |||| | | :| : :||: |  
Db 522 CDPECSEVGCDGPGPDHCNDCLHYYYKLKNNTRICVSSC 560

RESULT 142  
US-08-525-940-21  
; Sequence 21, Application US/08525940  
; Patent No. 5866351  
; GENERAL INFORMATION:  
; APPLICANT: Franzusoff, Alex  
; APPLICANT: Miranda, Luis R.  
; APPLICANT: Wolf, Joseph R.  
; TITLE OF INVENTION: CD4+ T-LYMPHOCYTE PROTEASES AND GENES  
; TITLE OF INVENTION: ENCODING SAID PROTEASES  
; NUMBER OF SEQUENCES: 25  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sheridan Ross & McIntosh  
; STREET: 1700 Lincoln Street, Suite 3500  
; CITY: Denver  
; STATE: Colorado  
; COUNTRY: U.S.A.  
; ZIP: 80203  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25

;  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/525,940  
; FILING DATE:  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/368,852  
; FILING DATE: 01-JAN-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/088,322  
; FILING DATE: 07-JUL-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Connell, Gary J.  
; REGISTRATION NUMBER: 32,020  
; REFERENCE/DOCKET NUMBER: 2848-11-C1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (303) 863-9700  
; TELEFAX: (303) 863-0223  
; INFORMATION FOR SEQ ID NO: 21:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 881 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-525-940-21

Query Match 27.3%; Score 95.5; DB 1; Length 881;  
Best Local Similarity 43.6%;  
Matches 17; Conservative 4; Mismatches 13; Indels 5; Gaps 1;

Qy 18 CDPLCSSGGCWGPGPGQCLSCRNY-----SRGGVCVTHC 51  
||| || || |||| | | :| : :||: |  
Db 604 CDPECSEVGCDGPGPDHCNDCLHYYYKLKNNTRICVSSC 642

RESULT 143  
US-08-976-838-21  
; Sequence 21, Application US/08976838  
; Patent No. 5981259  
; GENERAL INFORMATION:  
; APPLICANT: Franzusoff, Alex  
; TITLE OF INVENTION: CD4+ T-LYMPHOCYTE PROTEASE NUCLEIC ACID  
; TITLE OF INVENTION: MOLECULES  
; NUMBER OF SEQUENCES: 31  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sheridan Ross P.C.  
; STREET: 1700 Lincoln St., Suite 3500  
; CITY: Denver  
; STATE: Colorado  
; COUNTRY: U.S.A.  
; ZIP: 80203  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/976,838

; FILING DATE:  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Connell, Gary J.  
; REGISTRATION NUMBER: 32,020  
; REFERENCE/DOCKET NUMBER: 2848-11-C2  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (303) 863-9700  
; TELEFAX: (303) 863-0223  
; INFORMATION FOR SEQ ID NO: 21:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 881 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-976-838-21

Query Match 27.3%; Score 95.5; DB 1; Length 881;  
Best Local Similarity 43.6%;  
Matches 17; Conservative 4; Mismatches 13; Indels 5; Gaps 1;

Qy 18 CDPLCSSGGCWGPGPGQCLSCRNY-----SRGGVCVTHC 51  
||| || || |||| | | :| : :||: |  
Db 604 CDPECSEVGCDGPGPDHCNDCLHYYYKLKNNTRICVSSC 642

RESULT 144  
US-11-728-045-1  
; Sequence 1, Application US/11728045  
; Patent No. 7566565  
; GENERAL INFORMATION:  
; APPLICANT: Peters, Robert T  
; APPLICANT: Bitonti, Alan  
; TITLE OF INVENTION: PC5 AS A FACTOR IX PROPEPTIDE PROCESSING ENZYME  
; FILE REFERENCE: S1383.70013US01  
; CURRENT APPLICATION NUMBER: US/11/728,045  
; CURRENT FILING DATE: 2007-03-23  
; PRIOR APPLICATION NUMBER: US 60/785,421  
; PRIOR FILING DATE: 2006-03-24  
; NUMBER OF SEQ ID NOS: 68  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 1  
; LENGTH: 913  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; OTHER INFORMATION: human PC5A  
US-11-728-045-1

Query Match 27.3%; Score 95.5; DB 3; Length 913;  
Best Local Similarity 43.6%;  
Matches 17; Conservative 4; Mismatches 13; Indels 5; Gaps 1;

Qy 18 CDPLCSSGGCWGPGPGQCLSCRNY-----SRGGVCVTHC 51  
||| || || |||| | | :| : :||: |  
Db 636 CDPECSEVGCDGPGPDHCNDCLHYYYKLKNNTRICVSSC 674



## RESULT 145

US-08-525-940-18

; Sequence 18, Application US/08525940  
; Patent No. 5866351  
; GENERAL INFORMATION:  
; APPLICANT: Franzusoff, Alex  
; APPLICANT: Miranda, Luis R.  
; APPLICANT: Wolf, Joseph R.  
; TITLE OF INVENTION: CD4+ T-LYMPHOCYTE PROTEASES AND GENES  
; TITLE OF INVENTION: ENCODING SAID PROTEASES  
; NUMBER OF SEQUENCES: 25  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Sheridan Ross & McIntosh  
; STREET: 1700 Lincoln Street, Suite 3500  
; CITY: Denver  
; STATE: Colorado  
; COUNTRY: U.S.A.  
; ZIP: 80203  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/525,940  
; FILING DATE:  
; CLASSIFICATION: 514  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/368,852  
; FILING DATE: 01-JAN-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/088,322  
; FILING DATE: 07-JUL-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Connell, Gary J.  
; REGISTRATION NUMBER: 32,020  
; REFERENCE/DOCKET NUMBER: 2848-11-C1  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (303) 863-9700  
; TELEFAX: (303) 863-0223  
; INFORMATION FOR SEQ ID NO: 18:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 915 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein

US-08-525-940-18

Query Match 27.3%; Score 95.5; DB 1; Length 915;  
Best Local Similarity 43.6%;  
Matches 17; Conservative 4; Mismatches 13; Indels 5; Gaps 1;

Qy 18 CDPLCSSGGCWGPGPGQCLSCRNY-----SRGGVCVTHC 51  
||| || || |||| | | :| : :||: |  
Db 638 CDPECSEVGCDGPGPDHCNDCLHYYYKLKNNTRICVSSC 676

RESULT 146  
 US-08-976-838-18  
 ; Sequence 18, Application US/08976838  
 ; Patent No. 5981259  
 ; GENERAL INFORMATION:  
 ;   APPLICANT: Franzusoff, Alex  
 ;   TITLE OF INVENTION: CD4+ T-LYMPHOCYTE PROTEASE NUCLEIC ACID  
 ;   TITLE OF INVENTION: MOLECULES  
 ;   NUMBER OF SEQUENCES: 31  
 ;   CORRESPONDENCE ADDRESS:  
 ;   ADDRESSEE: Sheridan Ross P.C.  
 ;   STREET: 1700 Lincoln St., Suite 3500  
 ;   CITY: Denver  
 ;   STATE: Colorado  
 ;   COUNTRY: U.S.A.  
 ;   ZIP: 80203  
 ; COMPUTER READABLE FORM:  
 ;   MEDIUM TYPE: Floppy disk  
 ;   COMPUTER: IBM PC compatible  
 ;   OPERATING SYSTEM: PC-DOS/MS-DOS  
 ;   SOFTWARE: PatentIn Release #1.0, Version #1.30  
 ; CURRENT APPLICATION DATA:  
 ;   APPLICATION NUMBER: US/08/976,838  
 ;   FILING DATE:  
 ;   CLASSIFICATION: 435  
 ; ATTORNEY/AGENT INFORMATION:  
 ;   NAME: Connell, Gary J.  
 ;   REGISTRATION NUMBER: 32,020  
 ;   REFERENCE/DOCKET NUMBER: 2848-11-C2  
 ; TELECOMMUNICATION INFORMATION:  
 ;   TELEPHONE: (303) 863-9700  
 ;   TELEFAX: (303) 863-0223  
 ; INFORMATION FOR SEQ ID NO: 18:  
 ;   SEQUENCE CHARACTERISTICS:  
 ;   LENGTH: 915 amino acids  
 ;   TYPE: amino acid  
 ;   TOPOLOGY: linear  
 ;   MOLECULE TYPE: protein  
 US-08-976-838-18

Query Match	27.3%;	Score 95.5;	DB 1;	Length 915;
Best Local Similarity	43.6%;			
Matches	17;	Conservative	4;	Mismatches 13; Indels 5; Gaps 1;

  

Qy	18	CDPLCSSGGCWGPGPGQCLSCRNY-----SRGGVCVTHC	51
		:  : :  :	
Db	638	CDPECSEVGCDGPGPDHCNDCLHYYYKLKNNTRICVSSC	676

RESULT 147  
 US-09-214-555B-2  
 ; Sequence 2, Application US/09214555B  
 ; Patent No. 6380171  
 ; GENERAL INFORMATION:  
 ;   APPLICANT: INSTITUT DE RECHERCHE CLINIQUE DE MONTRAL  
 ;   TITLE OF INVENTION: PRO-PROTEIN CONVERTING ENZYME

; FILE REFERENCE: PRO-PROTEIN CONVER ENZ  
; CURRENT APPLICATION NUMBER: US/09/214,555B  
; CURRENT FILING DATE: 1999-01-04  
; PRIOR APPLICATION NUMBER: 60/021,008  
; PRIOR FILING DATE: 1996-07-26  
; PRIOR APPLICATION NUMBER: 2,203,745  
; PRIOR FILING DATE: 1997-04-25  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 2  
; LENGTH: 915  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-214-555B-2

Query Match 27.3%; Score 95.5; DB 2; Length 915;  
Best Local Similarity 43.6%;  
Matches 17; Conservative 4; Mismatches 13; Indels 5; Gaps 1;

Qy 18 CDPLCSSGGCWGPGPGQCLSCRNY-----SRGGVCVTHC 51  
||| || || |||| | | :| : :||: |  
Db 638 CDPECSEVGCDGPGPDHCNDCLHYYYKLKNNTRICVSSC 676

RESULT 148

US-09-214-555B-7  
; Sequence 7, Application US/09214555B  
; Patent No. 6380171  
; GENERAL INFORMATION:  
; APPLICANT: INSTITUT DE RECHERCHE CLINIQUE DE MONTRAL  
; TITLE OF INVENTION: PRO-PROTEIN CONVERTING ENZYME  
; FILE REFERENCE: PRO-PROTEIN CONVER ENZ  
; CURRENT APPLICATION NUMBER: US/09/214,555B  
; CURRENT FILING DATE: 1999-01-04  
; PRIOR APPLICATION NUMBER: 60/021,008  
; PRIOR FILING DATE: 1996-07-26  
; PRIOR APPLICATION NUMBER: 2,203,745  
; PRIOR FILING DATE: 1997-04-25  
; NUMBER OF SEQ ID NOS: 9  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 7  
; LENGTH: 915  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-214-555B-7

Query Match 27.3%; Score 95.5; DB 2; Length 915;  
Best Local Similarity 43.6%;  
Matches 17; Conservative 4; Mismatches 13; Indels 5; Gaps 1;

Qy 18 CDPLCSSGGCWGPGPGQCLSCRNY-----SRGGVCVTHC 51  
||| || || |||| | | :| : :||: |  
Db 638 CDPECSEVGCDGPGPDHCNDCLHYYYKLKNNTRICVSSC 676

RESULT 149

US-08-284-941-2

; Sequence 2, Application US/08284941  
; Patent No. 5863756  
; GENERAL INFORMATION:  
; APPLICANT: BARR, PHILIP J  
; APPLICANT: KIEFER, MICHAEL C  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR PACE 4 AND  
; TITLE OF INVENTION: PACE 4.1 GENE AND POLYPEPTIDES IN CELLS  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: COOLEY GODWARD CASTRO HUDDLESON & TATUM  
; STREET: FIVE PALO ALTO SQUARE  
; CITY: PALO ALTO  
; STATE: CALIFORNIA  
; COUNTRY: USA  
; ZIP: 94306  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/284,941  
; FILING DATE: 2 August 1994  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: NEELEY PH.D., RICHARD L.  
; REGISTRATION NUMBER: 30092  
; REFERENCE/DOCKET NUMBER: CHIR-009/01US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 843-5070  
; TELEFAX: (415) 857-0663  
; TELEX: 380816 COOLEY PA  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 969 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-284-941-2

Query Match 27.3%; Score 95.5; DB 1; Length 969;  
Best Local Similarity 40.0%;  
Matches 18; Conservative 6; Mismatches 16; Indels 5; Gaps 1;

Qy 12 VAEGKVC DPLCSSGGC WGP GPGQCLSCRNYSRGGV-----CVTHC 51  
: : || | | || || |||:| ::| | | ||: |  
Db 689 ILQTSVCHPEC GDKGCDGPNADQCLNCVHFSLG SVKTSRKCVSVC 733

RESULT 150  
US-08-447-642-2  
; Sequence 2, Application US/08447642  
; Patent No. 5989890  
; GENERAL INFORMATION:  
; APPLICANT: BARR, PHILIP J  
; APPLICANT: KIEFER, MICHAEL C  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR PACE 4 AND

; TITLE OF INVENTION: PACE 4.1 GENE AND POLYPEPTIDES IN CELLS  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: COOLEY GODWARD CASTRO HUDDLESON & TATUM  
; STREET: FIVE PALO ALTO SQUARE  
; CITY: PALO ALTO  
; STATE: CALIFORNIA  
; COUNTRY: USA  
; ZIP: 94306  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/447,642  
; FILING DATE: 23-MAY-1995  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/284,941  
; FILING DATE: 2 August 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: NEELEY PH.D., RICHARD L.  
; REGISTRATION NUMBER: 30092  
; REFERENCE/DOCKET NUMBER: CHIR-009/01US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (415) 843-5070  
; TELEFAX: (415) 857-0663  
; TELEX: 380816 COOLEY PA  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 969 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-447-642-2

Query Match 27.3%; Score 95.5; DB 1; Length 969;  
Best Local Similarity 40.0%;  
Matches 18; Conservative 6; Mismatches 16; Indels 5; Gaps 1;

Qy 12 VAEGKVC DPLCSSGGCWGP GPGQCLSCRNYSRGGV-----CVTHC 51  
: : || | | || | | ||:| :| | | ||: |  
Db 689 ILQTSVCHPECGDKGCDGPNADQCLNCVHFSLSVKT SRKCVSVC 733

Search completed: November 17, 2010, 15:04:17  
Job time : 16.6837 secs